



Water

Summary of Project Changes

Municipal Water

Water

CIP Number	Project Title	FY 2004 Amount	Total Project Cost	Description
73-261.4	Alvarado Water Treatment Plant - Earl Thomas Reservoir	\$ 16,351,286	\$ 29,553,046	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
73-261.3	Alvarado Water Treatment Plant - Upgrade and Expansion - Phase II	\$ 10,273,998	\$ 98,710,065	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
73-331.0	Annual Allocation - CIP Contingencies	\$ 3,600,327	\$ 3,600,327	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437. The total project cost for annual allocations is reflective of the Fiscal Year 2004 budget only. In addition, annual allocations do not show prior year appropriations in the budget.
73-310.0	Annual Allocation - Corrosion Control	\$ -	\$ -	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437. The total project cost for annual allocations is reflective of the Fiscal Year 2004 budget only. In addition, annual allocations do not show prior year appropriations in the budget.
74-925.0	Annual Allocation - Dams and Reservoirs	\$ -	\$ -	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437. The total project cost for annual allocations is reflective of the Fiscal Year 2004 budget only. In addition, annual allocations do not show prior year appropriations in the budget.
73-024.0	Annual Allocation - Freeway Relocation	\$ 50,000	\$ 50,000	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437. The total project cost for annual allocations is reflective of the Fiscal Year 2004 budget only. In addition, annual allocations do not show prior year appropriations in the budget.

Summary of Project Changes

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Municipal Water

CIP Number	Project Title	FY 2004 Amount	Total Project Cost	Description
73-900.0	Annual Allocation - Pressure Reduction Facility Upgrades	\$ 1,038,101	\$ 1,038,101	<i>The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437. The total project cost for annual allocations is reflective of the Fiscal Year 2004 budget only. In addition, annual allocations do not show prior year appropriations in the budget.</i>
73-910.0	Annual Allocation - Seismic Upgrades	\$ -	\$ -	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437. The total project cost for annual allocations is reflective of the Fiscal Year 2004 budget only. In addition, annual allocations do not show prior year appropriations in the budget.
73-277.0	Annual Allocation - Standpipe and Reservoir Rehabilitations	\$ 1,397,786	\$ 1,397,786	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437. The total project cost for annual allocations is reflective of the Fiscal Year 2004 budget only. In addition, annual allocations do not show prior year appropriations in the budget.
75-935.0	Annual Allocation - System Optimization and Pressure Improvements	\$ -	\$ -	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437. The total project cost for annual allocations is reflective of the Fiscal Year 2004 budget only. In addition, annual allocations do not show prior year appropriations in the budget.
73-230.0	Annual Allocation - Various Lakes and Docks	\$ -	\$ -	This project is complete.
73-083.0	Annual Allocation - Water Main Replacements	\$ 15,000,000	\$ 15,000,000	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437. The total project cost for annual allocations is reflective of the Fiscal Year 2004 budget only. In addition, annual allocations do not show prior year appropriations in the budget.

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CIP Number	Project Title		FY 2004 Amount	Total Project Cost	Description
75-925.0	Annual Allocation - Water Meter & Vault Replacements	\$	411,224	\$ 411,224	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437. This project was formerly known as "Annual Allocation - Water Service Meter Replacements." The total project cost for annual allocations is reflective of the Fiscal Year 2004 budget only. In addition, annual allocations do not show prior year appropriations in the budget.
73-263.0	Annual Allocation - Water Pump Station Rehabilitations	\$	2,133,289	\$ 2,133,289	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437. The total project cost for annual allocations is reflective of the Fiscal Year 2004 budget only. In addition, annual allocations do not show prior year appropriations in the budget.
75-933.0	Barrett Flume Cover	\$	-	\$ 3,272,544	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
73-317.0	Barrett Reservoir Outlet Tower Upgrade	\$	-	\$ 5,733,926	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
73-236.0	Bayview Reservoir Replacement	\$	-	\$ 11,072,527	This project is complete.
73-216.0	Black Mountain Reservoir	\$	3,400	\$ 19,367,869	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
73-341.0	Black Mountain Road Pipeline	\$	797,155	\$ 21,998,640	This revision is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
72-920.0	Black Mountain Water Treatment Plant	\$	220,646	\$ 3,296,679	This project is complete.

Summary of Project Changes

Water

Municipal Water

CIP Number	Project Title	FY 2004 Amount	Total Project Cost	Description
70-920.0	Bonita Pipeline - Phase II	\$ -	\$ 2,406,860	This project is complete.
73-347.0	CIP Program Management	\$ 6,057,704	\$ 42,148,587	<i>The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.</i>
70-958.0	Del Mar Heights Pipeline Rehabilitation	\$ -	\$ 3,512,764	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
70-964.0	Del Mar Mesa 30-Inch Water Transmission Line	\$ 477,750	\$ 4,200,000	This new project provides for the construction of approximately 11,200 linear feet of 30-inch diameter water transmission pipeline in Carmel Mountain Road and Camino Santa Fe within the Del Mar Mesa Community, to provide capacity for both Del Mar Mesa and Pacific Highlands Ranch.
75-928.0	El Capitan Dam - Piezometers Replacement	\$ -	\$ 191,973	This project is complete.
70-959.0	El Capitan Parallel Pipeline	\$ -	\$ 6,020,269	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
73-319.0	El Capitan Reservoir - Road Improvements	\$ -	\$ 3,546,533	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
70-960.0	El Monte Pipeline No. 2	\$ -	\$ 100,265,376	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
73-352.0	Flow Meters - Pump Stations and Pressure Reduction Stations with SCADA	\$ -	\$ 3,567,036	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.

Summary of Project Changes

Municipal Water

Water

CIP Number	Project Title	FY 2004 Amount	Total Project Cost	Description
73-351.0	Flow Meters - Raw Water Pipelines	\$ -	\$ 1,415,695	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
70-962.0	Genetic Algorithm Pipeline Replacement	\$ -	\$ 39,069,013	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
75-932.0	Groundwater Asset Development Program	\$ 400,000	\$ 28,866,000	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
70-957.0	Harbor Drive Pipeline	\$ -	\$ 6,322,973	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
70-961.0	Kearny Mesa Pipeline Upgrade	\$ -	\$ 27,736,109	This new project provides for the replacement of the Kearny Mesa Pipeline. The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
73-343.0	Lower Otay Reservoir - Emergency Outlet Improvements	\$ -	\$ 4,591,842	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
70-910.5	Miramar Pipeline Improvements - Phase III	\$ 168,593	\$ 17,150,750	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.

Summary of Project Changes

Water

Municipal Water

CIP Number	Project Title	FY 2004 Amount	Total Project Cost	Description
70-910.6	Miramar Pipeline Improvements - Phase IV	\$ -	\$ 17,818,182	Future funding of this project provides for replacing or rehabilitating 12,470 linear feet of existing 51-inch diameter pre-stressed concrete cylinder pipe along Mira Mesa Boulevard and Scripps Lake Drive. The decision to replace or rehabilitate will be made based on a condition assessment of the pipeline including a physical inspection.
70-945.0	Miramar Road Pipeline	\$ -	\$ 12,607,656	This project is complete.
73-284.0	Miramar Water Treatment Plant - Upgrade and Expansion	\$ 29,060,000	\$ 181,051,242	<i>The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.</i>
73-321.0	Morena Reservoir Outlet Tower Upgrade	\$ -	\$ 3,697,343	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
73-915.0	Murray Outlet Tower	\$ -	\$ 1,697,509	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
70-963.0	North City Pipeline Improvements	\$ 137,908	\$ 53,004,205	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
73-286.0	Otay Second Pipeline Improvements	\$ 1,171,041	\$ 27,412,133	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
73-250.0	Otay Water Treatment Plant - Clearwell Storage	\$ 14,778,333	\$ 21,145,377	<i>The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.</i>

Summary of Project Changes

Municipal Water

Water

CIP Number	Project Title		FY 2004 Amount	Total Project Cost	Description
73-322.0	Otay Water Treatment Plant - Raw Water Pump Operational Conversion	\$	41,501	\$ 665,104	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
73-285.0	Otay Water Treatment Plant - Upgrade - Phase II	\$	2,079,551	\$ 31,168,588	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
75-934.0	Outlet Tower Silt Removal and Management	\$	-	\$ 62,741,394	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
73-346.0	Parkland Pump Station	\$	-	\$ 3,373,873	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
73-248.0	Pomerado Pipeline Number 2	\$	-	\$ 10,729,942	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
73-342.0	Rancho Bernardo Pump Station Number 2	\$	517,128	\$ 4,251,633	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
73-328.0	Rancho Bernardo Reservoir Rehabilitation	\$	96,480	\$ 9,403,620	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
73-291.0	Reservoir Water Quality Systems	\$	2,088,300	\$ 5,237,901	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.

Summary of Project Changes

Water

Municipal Water

CIP Number	Project Title	FY 2004 Amount	Total Project Cost	Description
73-314.0	San Diego 17 Flow Control Facility and Pump Station	\$ -	\$ 11,701,164	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
73-301.0	Serra Mesa Pump Station	\$ -	\$ 7,811,684	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
73-249.0	South San Diego Pipeline Number 2	\$ -	\$ 33,728,837	<i>This project is complete.</i>
73-348.0	Telemetry Control Systems - SCADA - Phase II	\$ -	\$ 13,364,599	This project is complete.
73-329.0	Tierrasanta Norte Water Pump Station	\$ -	\$ 1,517,701	This project provides for installing a set of four end-suction centrifugal pumps inside the existing, unused flow control facility, and for adding roof hatches to the existing building to allow installation and removal of the pumps. The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
70-953.0	Torrey Pines Road/La Jolla Boulevard Water Main Replacement	\$ 253,308	\$ 16,016,038	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
73-338.0	Water Department Central Facility	\$ -	\$ 62,789,143	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
75-931.0	Water Department Security Upgrades	\$ 5,491,000	\$ 20,467,558	No significant changes are anticipated for this project.
Municipal Water Subtotal		\$ 114,095,809		
Phased Funded Subtotal		\$ (37,246,156)		
Municipal Water Total		\$ 151,341,966		

Water

Reclaimed Water

Summary of Project Changes

Reclaimed Water

Water

CIP Number	Project Title	FY 2004 Amount	Total Project Cost	Description
70-942.0	Annual Allocation - CIP Contingencies - Reclaimed Water Distribution System/RWDS	\$ 96,235	\$ 96,235	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437. The total project cost for annual allocations is reflective of the Fiscal Year 2004 budget only. In addition, annual allocations do not show prior year appropriations in the budget.
70-949.0	Annual Allocation - Reclaimed Water Extension	\$ -	\$ -	This annual allocation, which provided for extensions of the North City Reclaimed Water Distribution System, is complete.
70-954.0	North City Reclamation System	\$ 9,668,284	\$ 57,361,911	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
70-955.0	San Pasqual Water Reclamation System	\$ -	\$ 13,532,247	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.
70-956.0	South Bay Reclaimed Water Pipeline	\$ 646,776	\$ 8,756,683	The scheduling and total project cost of this project is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.

Reclaimed Water Subtotal \$ 10,411,295

Subtotal for Water \$ 124,507,104

Phased Funded Subtotal \$ (37,246,156)

Total for Water \$ 161,753,261

** A project that is in italics indicates that the project contains phased funding. The department subtotal includes phase-funded amounts; the department total excludes phase-funded amounts.*

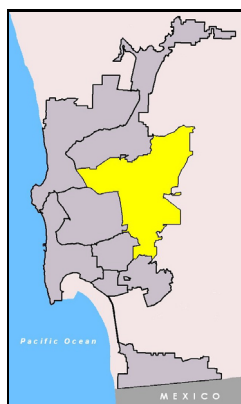
Water

Municipal Water

73-261.4 Alvarado Water Treatment Plant - Earl Thomas Reservoir

Council District: 7

Community Plan: Navajo



Description: This project provides for replacing a reservoir at Alvarado Water Treatment Plant. The Fiscal Year 2004 budget includes phase funding totaling \$15,120,859.

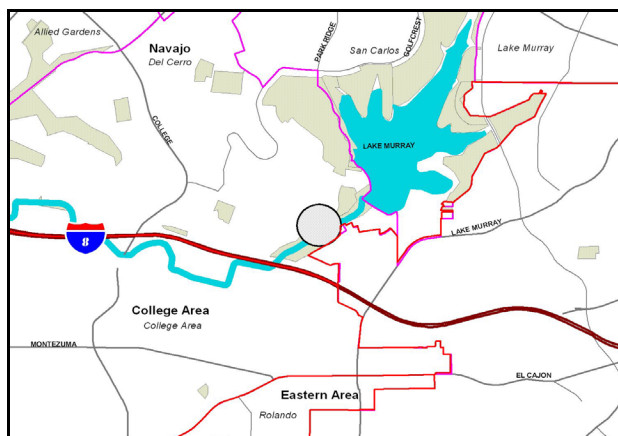
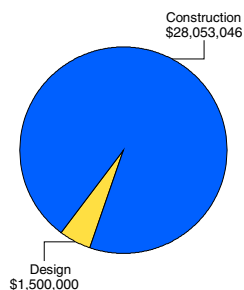
Justification: The existing reservoir has serious structural and seismic defects (which affect its long term reliability). The new reservoir will meet all current seismic requirements and will be well baffled, providing good circulation.

Operating Budget Effect: Operating budget effect will be determined upon completion of design.

Relationship to General and Community Plans: This project is consistent with the Mission Trails Regional Park Plan and the Navajo Community Plan, and it is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design was completed in Fiscal Year 2001. Construction will begin in Fiscal Year 2004 and will be completed in Fiscal Year 2005.

Expenditure by Work Code Project Life



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
UNAPPR			15,120,859				
WATER-R		10,997,300	1,230,427	2,204,460			
Total		10,997,300	16,351,286	2,204,460			
Work Codes		CD	C	C			

Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
UNAPPR							15,120,859
WATER-R							14,432,187
Total							29,553,046
Work Codes							

Contact: Sam Gray

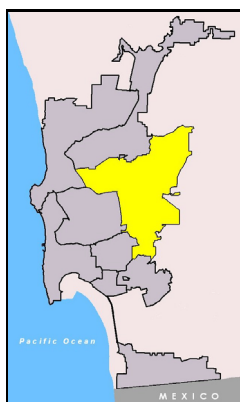
E-Mail: sgray@sandiego.gov

Phone: 619-533-4157

73-261.3 Alvarado Water Treatment Plant - Upgrade and Expansion - Phase II

Council District: 7

Community Plan: Mission Trails Regional Park, Navajo



Description: This project provides for Phase II of the expansion of the capacity of the Alvarado Treatment Plant and for upgrading the existing facilities. Phase II includes adding two sedimentation basins, rehabilitating the existing operations/administration building, rehabilitating the existing sedimentation basins, rehabilitating the existing filters, and adding a new wash water tank. The Fiscal Year 2004 budget includes phase funding totaling \$2,588,414.

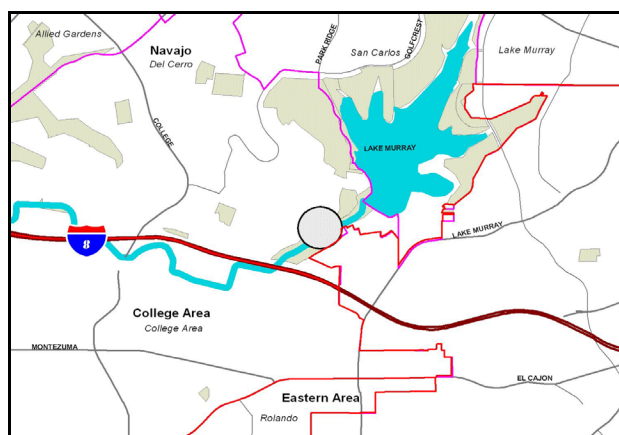
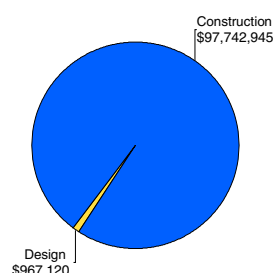
Justification: The Safe Drinking Water Act dictates the need to upgrade the existing treatment plant. Also, increasing demands on the plant necessitate its expansion. The rehabilitated plant will better utilize the raw water storage in the San Vicente and El Capitan Reservoirs.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the Mission Trails Regional Park Plan and the Navajo Community Plan, and it is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 1999 and was scheduled to be completed in Fiscal Year 2002. Construction began in Fiscal Year 2003 and is scheduled to be completed in Fiscal Year 2009.

**Expenditure by Work Code
Project Life**



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
UNAPPR			2,588,414				
WATER-E		10,268,368	3,842,792	3,831,789	8,705,486	9,078,859	10,129,108
WATER-R		10,268,369	3,842,792	3,831,789	8,705,487	9,078,860	10,129,108
Total		20,536,737	10,273,998	7,663,578	17,410,973	18,157,719	20,258,216
Work Codes		C	CD	C	C	C	C
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
UNAPPR							2,588,414
WATER-E	2,204,422						48,060,824
WATER-R	2,204,422						48,060,827
Total	4,408,844						98,710,065
Work Codes	C						

Contact: Sam Gray

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73-331.0 Annual Allocation - CIP Contingencies

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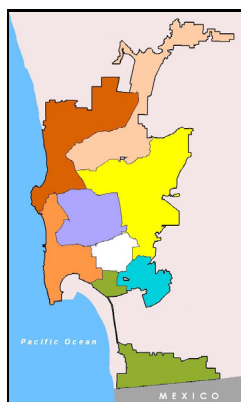
73-310.0 Annual Allocation - Corrosion Control

Description: This annual allocation provides for renovating or replacing deteriorating corrosion control and monitoring systems throughout the City.

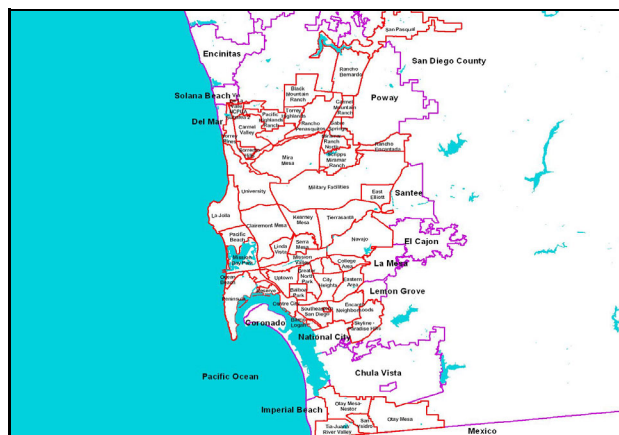
Operating Budget Effect: See the operating budget effect table.

Relationship to General and Community Plans: This project is in conformance with the City's Progress Guide and General Plan.

Scheduling: Projects are scheduled on a priority basis.



Expenditure by Work Code



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R							100,000
Total							100,000
Work Codes							
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R	100,000	100,000	100,000	100,000	100,000	100,000	
Total	100,000	100,000	100,000	100,000	100,000	100,000	
Work Codes							

Operating Budget Effect							
Fiscal Year	Operating		Maintenance		Other		Total
2008	Costs		Costs		Department		
Staffing		-		-		-	-
PE	\$	(20,000)	\$	-	\$	-	\$ (20,000)
NPE	\$	(30,000)	\$	-	\$	-	\$ (30,000)
Total Impact	\$	(50,000)	\$	-	\$	-	\$ (50,000)

Phone: 619-533-4157

74-925.0 Annual Allocation - Dams and Reservoirs

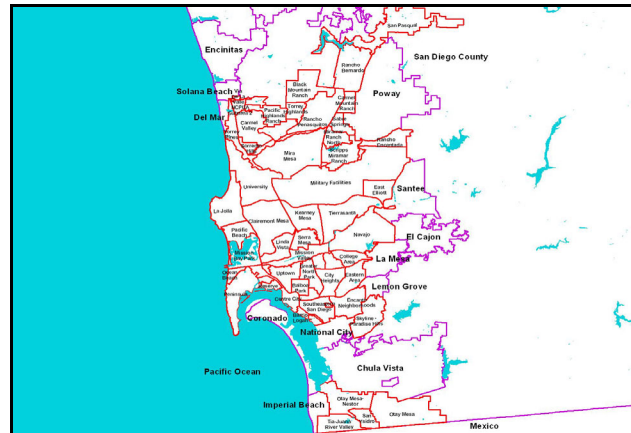
Description: This annual allocation provides for rehabilitating and reconstructing improvements at the reservoirs and dams such as resurfacing access roads and reconstructing berms, installing lighting around dams, and sandblasting and shotcreting all exposed surfaces of the dams.

Justification: The rehabilitation and reconstruction of access roads and upgrading of berms, lighting, and all exposed surfaces of the dams are necessary to maintain access and safety of the dam area. These improvements will, in addition, serve to satisfy a portion of the Division Safety of Dams (DSOD) requirements.

Relationship to General and Community Plans: This project is in conformance with the City's Progress Guide and General Plan.

Expenditure by Work Code

Project Life



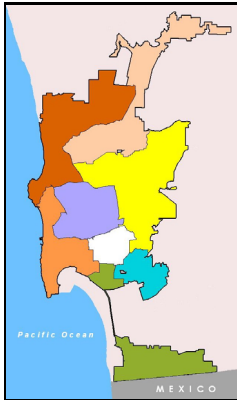
Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R							
Total							
Work Codes							
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R		522,965	83,677	2,168,869	2,400,939	500,000	
Total		522,965	83,677	2,168,869	2,400,939	500,000	
Work Codes							

Phone: 619-533-4157

Water Municipal Water

73-024.0 Annual Allocation - Freeway Relocation

Council District: Citywide **Community Plan:** Citywide



Description: This annual allocation provides for relocating water lines in conflict with the State Department of Transportation Highway Construction Program.

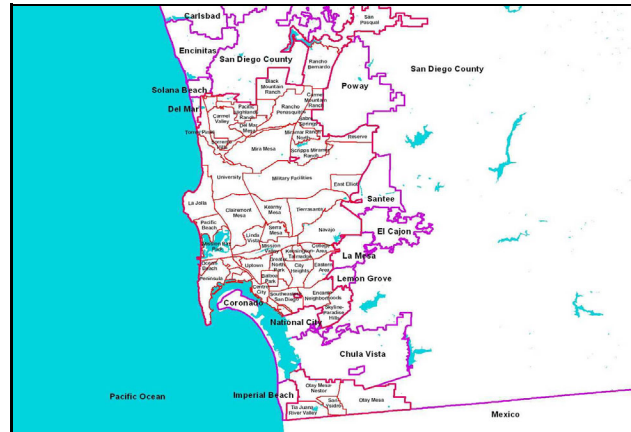
Justification: Relocation is necessitated by the State Department of Transportation Highway Construction Program. These projects are accomplished in conjunction with highway programs scheduled by the State Department of Transportation.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is in conformance with the City's Progress Guide and General Plan.

Scheduling: Projects are scheduled on a priority basis.

Expenditure by Work Code Project Life



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R			50,000	50,000	50,000	50,000	50,000
Total			50,000	50,000	50,000	50,000	50,000
Work Codes							
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R	50,000	50,000	50,000	50,000	50,000	50,000	50,000
Total	50,000	50,000	50,000	50,000	50,000	50,000	50,000
Work Codes							

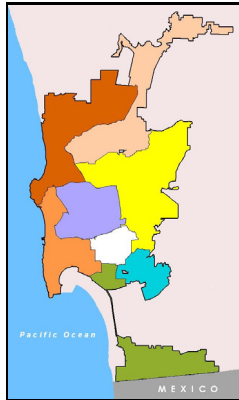
Contact: Sam Gray

E-Mail: sgray@sandiego.gov

Phone: 619-533-4157

73-900.0 Annual Allocation - Pressure Reduction Facility Upgrades

Council District: Citywide **Community Plan:** Citywide



Description: This annual allocation provides for replacing existing pressure reducing stations, or expanding pressure capacities to meet present and future water demands. The Fiscal Year 2004 budget includes phase funding in the amount of \$942,930.

Justification: Increasing demands for water throughout the City dictate the need to better control water pressure throughout the City's system. This annual allocation will fund continued replacement and expansion of these facilities.

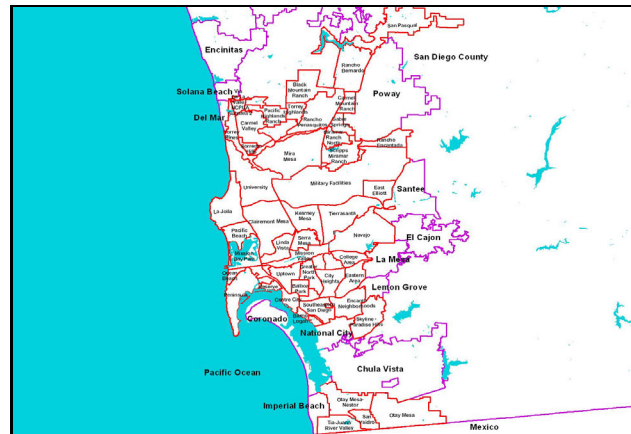
Operating Budget Effect: The operating budget effect is estimated to be minimal.

Relationship to General and Community Plans: This project is in conformance with the City's Progress Guide and General Plan.

Scheduling: Projects are scheduled on a priority basis.

Expenditure by Work Code

Project Life



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
UNAPPR			942,930				
WATER-R			95,171	727,186	19,818		
Total			1,038,101	727,186	19,818		
Work Codes							

Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
UNAPPR							942,930
WATER-R							95,171
Total							1,038,101
Work Codes							

Contact: Sam Gray

E-Mail: sgray@sanidiego.gov

Phone: 619-533-4157

73-910.0 Annual Allocation - Seismic Upgrades

Council District: Citywide **Community Plan:** Citywide

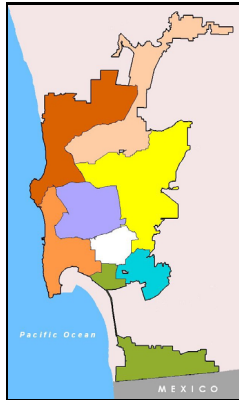
Description: This annual allocation provides for seismic retrofits and upgrades to existing facilities to extend their useful life.

Justification: Many existing facilities throughout the City have serious structural and seismic defects. This annual allocation will allow funding to upgrade these facilities to meet current compliance requirements and guidelines.

Operating Budget Effect: The operating budget effect is estimated to be minimal.

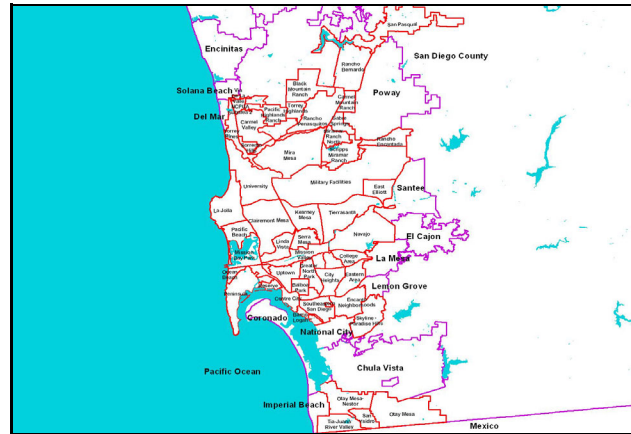
Relationship to General and Community Plans: This project is in conformance with the City's Progress Guide and General Plan.

Scheduling: Projects are scheduled on a priority basis.



Expenditure by Work Code

Project Life



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R							
Total							
Work Codes							
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R	915,719	146,578	4,295,596	5,184,110	491,054	500,000	
Total	915,719	146,578	4,295,596	5,184,110	491,054	500,000	
Work Codes							

Contact: Sam Gray

E-Mail: sgray@sanidiego.gov

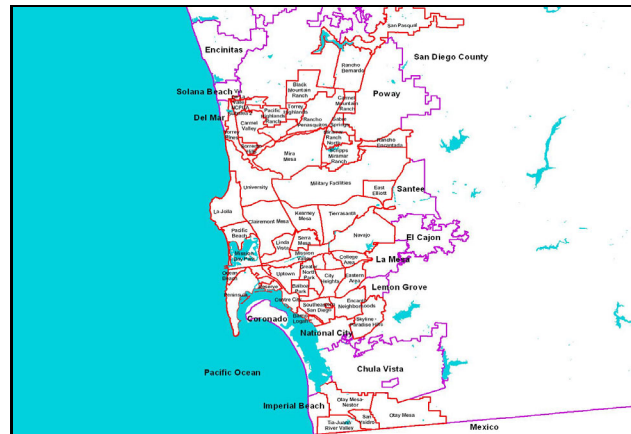
Phone: 619-533-4157

73-277.0 Annual Allocation - Standpipe and Reservoir Rehabilitations

Scheduling: Projects are scheduled on a priority basis.

Expenditure by Work Code

Project Life



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R			1,397,786	161,094		61,894	1,315,713
Total			1,397,786	161,094		61,894	1,315,713
Work Codes							
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R	2,780,434	7,748,221	5,732,731	835,076	1,430,621	1,000,000	1,397,786
Total	2,780,434	7,748,221	5,732,731	835,076	1,430,621	1,000,000	1,397,786
Work Codes							

Contact: Sam Gray

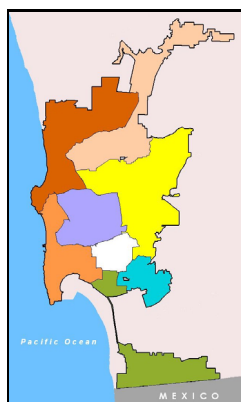
E-Mail: sgray@sanidiego.gov

Phone: 619-533-4157

Water Municipal Water

75-935.0 Annual Allocation - System Optimization and Pressure Improvements

Council District: Citywide **Community Plan:** Citywide



Description: This annual allocation allows for ongoing studies to determine methods for optimizing the City's existing water facilities and improving water pressure throughout the City.

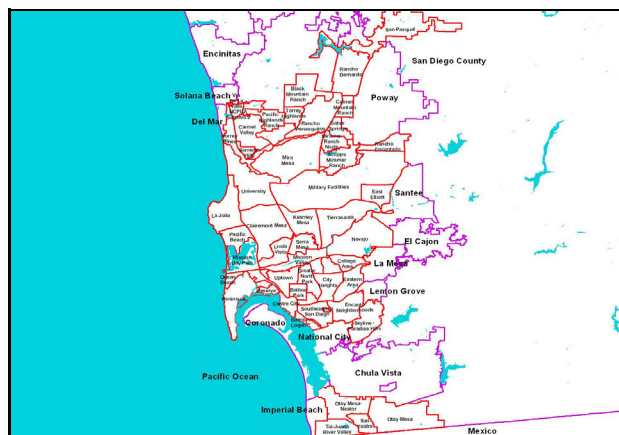
Justification: The annual allocation will allow funding to perform various planning studies necessary to determine facility needs throughout the City.

Operating Budget Effect: The operating budget effect is estimated to be minimal.

Relationship to General and Community Plans: This project is in conformance with the City's Progress Guide and General Plan.

Scheduling: Projects are scheduled on a priority basis.

Expenditure by Work Code Project Life



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R							630,250
Total							630,250
Work Codes							
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R	327,728	528,883	524,613	26,084			
Total	327,728	528,883	524,613	26,084			
Work Codes							

Contact: Sam Gray

E-Mail: sgray@sanidiego.gov

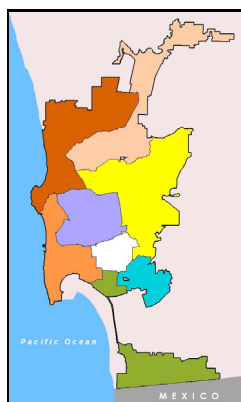
Phone: 619-533-4157

Water

Municipal Water

73-083.0 Annual Allocation - Water Main Replacements

Council District: Citywide **Community Plan:** Citywide



Description: This annual allocation provides for the replacement of water mains at various locations throughout the City.

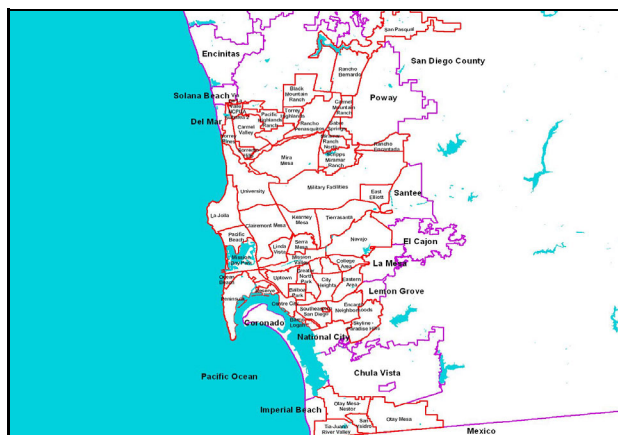
Justification: Water mains are replaced because they are in a deteriorated condition or are undersized. The existing cast-iron system is either approaching or has exceeded its expected life of 40 years. Breaks are now occurring at the rate of over 200 annually.

Operating Budget Effect: See the operating budget effect table.

Relationship to General and Community Plans: This project is in conformance with the City's Progress Guide and General Plan.

Scheduling: Projects are scheduled on a priority basis.

Expenditure by Work Code Project Life



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-E			750,000	500,000	500,000	500,000	500,000
WATER-R			14,250,000	9,500,000	9,500,000	9,500,000	9,500,000
Total			15,000,000	10,000,000	10,000,000	10,000,000	10,000,000
Work Codes							
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-E	500,000	500,000	500,000	500,000	500,000	500,000	750,000
WATER-R	9,500,000	9,500,000	9,500,000	9,500,000	9,500,000	9,500,000	14,250,000
Total	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	15,000,000
Work Codes							

Operating Budget Effect				
Fiscal Year	Operating	Maintenance	Other	Total
2004	Costs	Costs	Department	
Staffing	-	-	-	-
PE	\$ (99,300)	\$ -	\$ -	\$ (99,300)
NPE	\$ (160,700)	\$ -	\$ -	\$ (160,700)
Total Impact	\$ (260,000)	\$ -	\$ -	\$ (260,000)

Contact: Sam Gray

E-Mail: sgray@sandiego.gov

Phone: 619-533-4157

75-925.0 Annual Allocation - Water Meter & Vault Replacements

Council District: Citywide **Community Plan:** Citywide

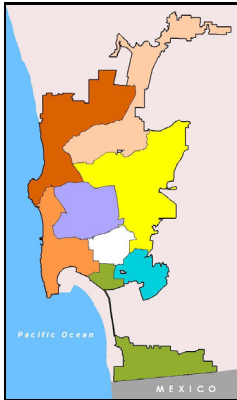
Description: This annual allocation provides for replacing water service meters at various locations within the City.

Justification: Water service meters are replaced because they are in a deteriorated condition or are undersized.

Operating Budget Effect: None.

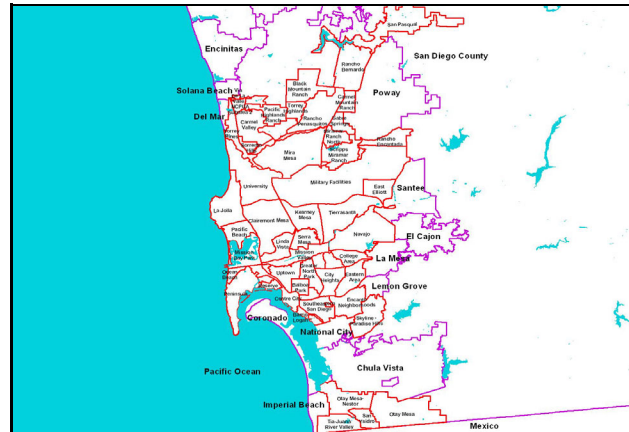
Relationship to General and Community Plans: This project is in conformance with the City's Progress Guide and General Plan.

Scheduling: Projects are scheduled on a priority basis.



Expenditure by Work Code

Project Life



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R			411,224	399,750			
Total			411,224	399,750			
Work Codes							
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R							411,224
Total							411,224
Work Codes							

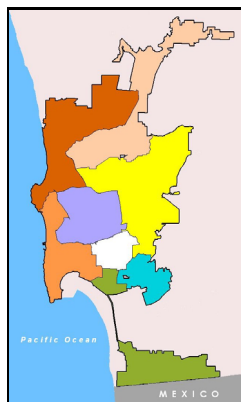
Contact: Sam Gray

E-Mail: sgray@sanidiego.gov

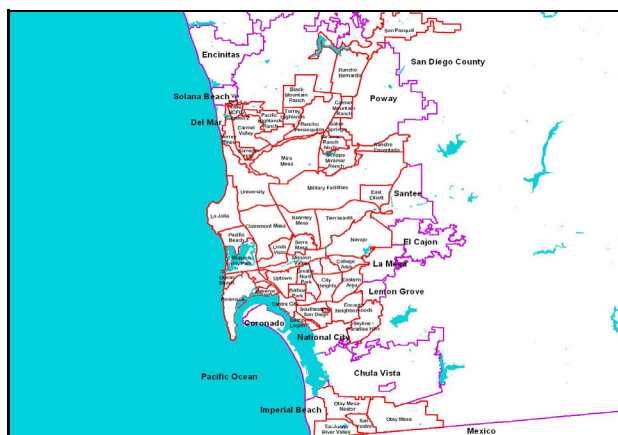
Phone: 619-533-4157

73-263.0 Annual Allocation - Water Pump Station Rehabilitations

Scheduling: Projects are scheduled on a priority basis.



Expenditure by Work Code Project Life



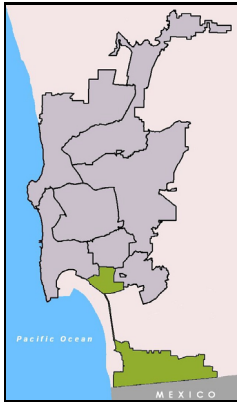
Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R			2,133,289	75,560			712,663
Total			2,133,289	75,560			712,663
Work Codes							
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R	794,426	2,634,640	2,353,929	3,604,768	620,691	500,000	2,133,289
Total	794,426	2,634,640	2,353,929	3,604,768	620,691	500,000	2,133,289
Work Codes							

Operating Budget Effect						
Fiscal Year	Operating		Maintenance		Other	Total
2004	Costs		Costs		Department	
Staffing		-		-		-
PE	\$	(10,000)	\$	-	\$	-
NPE	\$	(13,000)	\$	-	\$	-
Total Impact	\$	(23,000)	\$	-	\$	-

Phone: 619-533-4157

Council District: 8

Community Plan: Otay Mesa



Description: This project will provide a covering for the 10 -12 mile open channel delivering water from the Barrett Reservoir to the Lower Otay Reservoir.

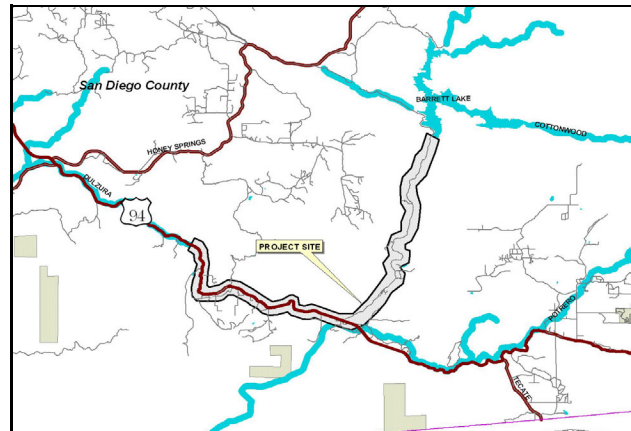
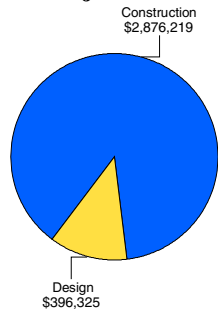
Justification: Each year golden eagles, deer, and other wildlife drown in the open channel sections of the Barrett Flume. There is also an excessive maintenance burden to keep soil and sediment out. Additionally, there is a slight algae build up due to sunlight. Covering the open flume sections is necessary to preempt fines and sanctions from the resource agencies, to maintain water quality, and to reduce maintenance and down time.

Operating Budget Effect: The operating budget effect is estimated to be minimal..

Relationship to General and Community Plans: This project is consistent with the City's Progress Guide and General Plan.

Scheduling: Design is scheduled to begin in Fiscal Year 2006 and to be completed in Fiscal Year 2007. Construction is estimated to begin in Fiscal Year 2008 and to be completed in Fiscal Year 2011.

**Expenditure by Work Code
Project Life**



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R					341,847	54,478	2,687,394
Total					341,847	54,478	2,687,394
Work Codes					D	D	C
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R	77,444	107,924	3,457				3,272,544
Total	77,444	107,924	3,457				3,272,544
Work Codes	C	C	C				

Contact: Sam Gray

E-Mail: sgray@sandiego.gov

Phone: 619-533-4157

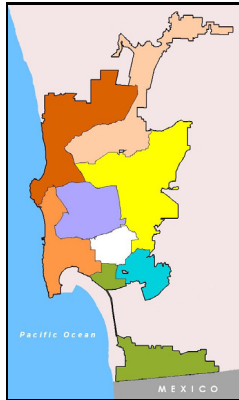
Water

Municipal Water

73-317.0 Barrett Reservoir Outlet Tower Upgrade

Council District: None

Community Plan: No Community Planning Area



Description: This project provides for upgrading the electrical system and replacing the outlet tower ladders, valves and platforms.

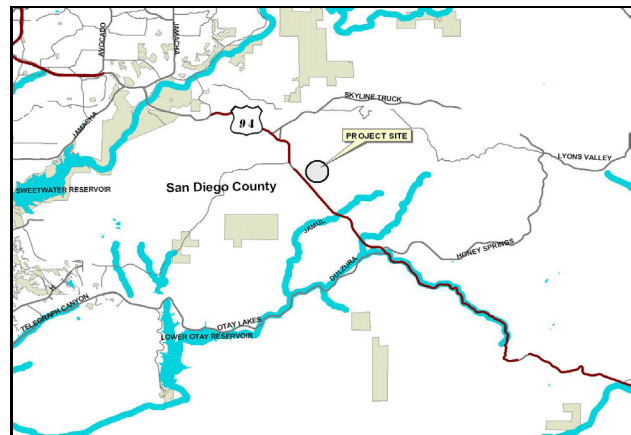
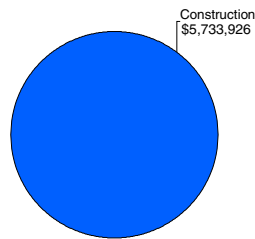
Justification: The aging outlet tower components are in need of replacement for safety and ease of operation. The electrical system needs to be upgraded to meet current standards, provide better control, and provide safety and better accessibility.

Operating Budget Effect: The operating budget effect is estimated to be minimal.

Relationship to General and Community Plans: This project is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 2001 and will continue through Fiscal Year 2003. Construction is scheduled to begin in Fiscal Year 2007 and be completed in Fiscal Year 2010.

**Expenditure by Work Code
Project Life**



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R		523,273				24,449	1,842,574
Total		523,273				24,449	1,842,574
Work Codes		C				C	C
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R	3,277,330	66,300					5,733,926
Total	3,277,330	66,300					5,733,926
Work Codes	C	C					

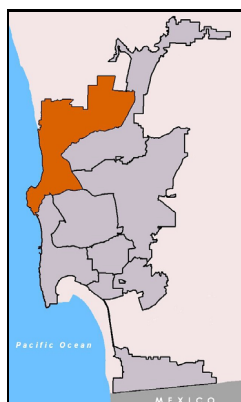
Contact: Sam Gray

E-Mail: sgray@sandiego.gov

Phone: 619-533-4157

Council District: 1

Community Plan: Rancho Penasquitos



Description: This project provides for constructing a 25 million gallon storage reservoir near Black Mountain and the County Water Authority Second Aqueduct just west of Rancho Penasquitos.

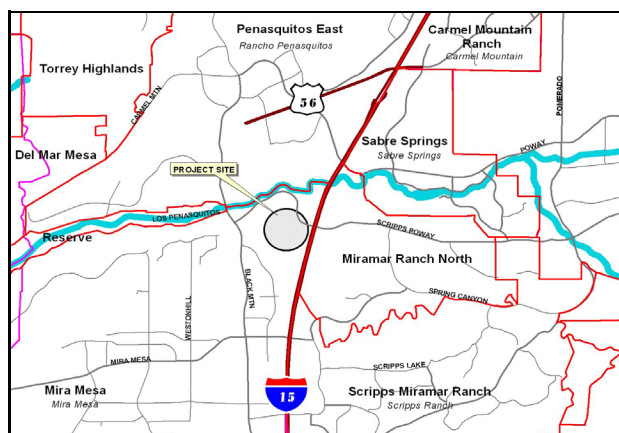
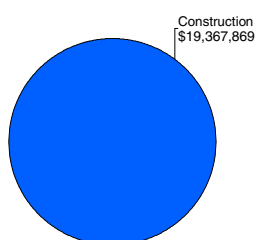
Justification: This project will provide for the additional storage capacity needed to meet the operational, emergency and fire demand requirements of the northern part of the City.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the Rancho Penasquitos Community Plan, and it is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 1999 and was completed in Fiscal Year 2000. Construction began in Fiscal Year 2000 and is scheduled to be completed in Fiscal Year 2004.

**Expenditure by Work Code
Project Life**



Expenditures by Revenue Source						
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007
WATER-E		19,364,469	3,400			
Total		19,364,469	3,400			
Work Codes		C	C			

Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-E							19,367,869
Total							19,367,869
Work Codes							

Contact: Sam Gray

E-Mail: sgray@sanidiego.gov

Phone: 619-533-4157

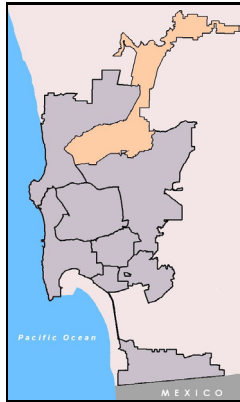
Water

Municipal Water

73-341.0 Black Mountain Road Pipeline

Council District: 5

Community Plan: Rancho Bernardo



Description: This project provides for installing 24,000 linear feet of 36-inch diameter pipe along Miramar Road to parallel the existing 16-inch Miramar Road Pipeline, and for installing 2,200 linear feet of 36-inch diameter pipe along Scripps Lake Drive west of Interstate 15.

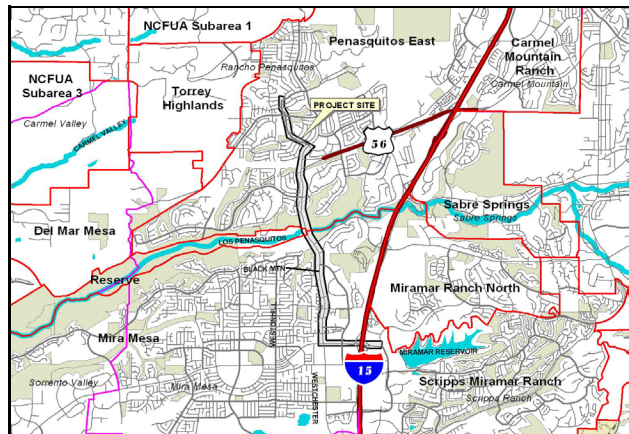
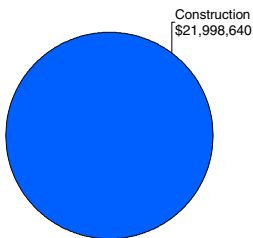
Justification: The new Black Mountain Road pipeline will increase water transmission capacity for the Miramar Water Treatment Plant to the northern part of the City, and provide needed system capacity to satisfy current and future demands.

Operating Budget Effect: The operating budget effect will be determined upon completion of design.

Relationship to General and Community Plans: This project is consistent with the Rancho Bernardo Community Plan, and it is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 1999 and was completed in Fiscal Year 2001. Construction was scheduled to begin in Fiscal Year 2002 and be completed in Fiscal Year 2004.

Expenditure by Work Code Project Life



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-E	3,109,586	18,091,899	797,155				
Total	3,109,586	18,091,899	797,155				
Work Codes	C	C	C				
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-E							21,998,640
Total							21,998,640
Work Codes							

Contact: Sam Gray

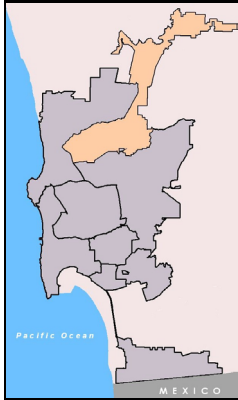
E-Mail: sgray@sandiego.gov

Phone: 619-533-4157

72-920.0 Black Mountain Water Treatment Plant

Council District: 5

Community Plan: Rancho Bernardo



Description: This project provides for purchasing land for the possible future development of a water treatment plant to serve Rancho Bernardo and possibly portions of Sabre Springs and the Rancho Penasquitos communities. Portions of this area currently receive most of their potable water directly from San Diego County Water Authority (SDCWA) connections. The City has as a goal the elimination of dependence on the SDCWA as a potable water purveyor.

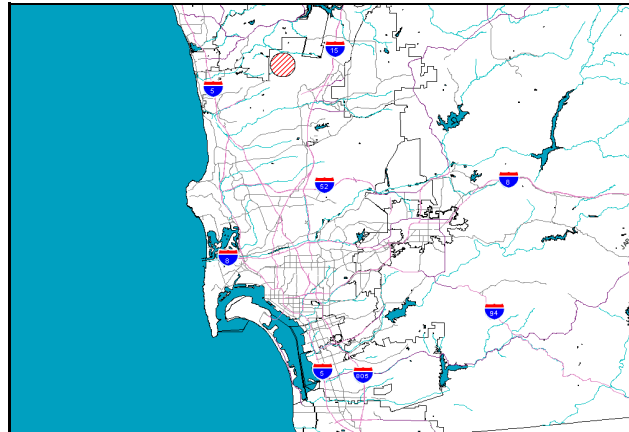
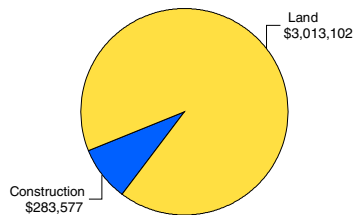
Justification: The Strategic Plan for Water Supply, adopted by the City Council in 1997, has a goal of reducing dependence on the County Water Authority as a potable water purveyor. Purchasing this available land now will allow construction to proceed once engineering studies are completed and the project is approved by the City Council. This project is required to provide an adequate supply of potable water to the residents of the City of San Diego.

Operating Budget Effect: The impact on the operating budget will be determined when the project is more clearly defined.

Relationship to General and Community Plans: This project is consistent with the Rancho Bernardo Community Plan and the Strategic Plan for Water Supply, and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Land acquisition began in Fiscal Year 2001 and was completed in Fiscal Year 2002. The property is scheduled to be fenced in Fiscal Year 2004.

**Expenditure by Work Code
Project Life**



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-E	3,013,102	62,931	220,646				
Total	3,013,102	62,931	220,646				
Work Codes	L	C	C				

Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-E							3,296,679
Total							3,296,679
Work Codes							

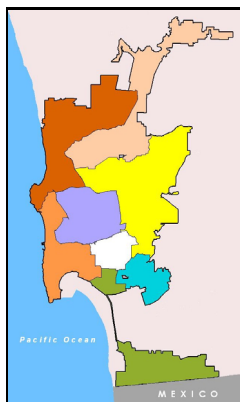
Contact: Sam Gray

E-Mail: sgray@sandiego.gov

Phone: 619-533-4157

Water
Municipal Water
73-347.0 CIP Program Management

Council District: Citywide **Community Plan:** Citywide



Description: This project provides for activities performed by consultants relating to the preparation and management of the Capital Improvements Program, value engineering, and program management. The project also provides for specialized studies and activities relating to financing, organization and management structure, scheduling, engineering, cost estimation, bond funding, and Capital Improvements Program impact on operations and maintenance. The Fiscal Year 2004 budget includes phase funding in the amount of \$6,057,704.

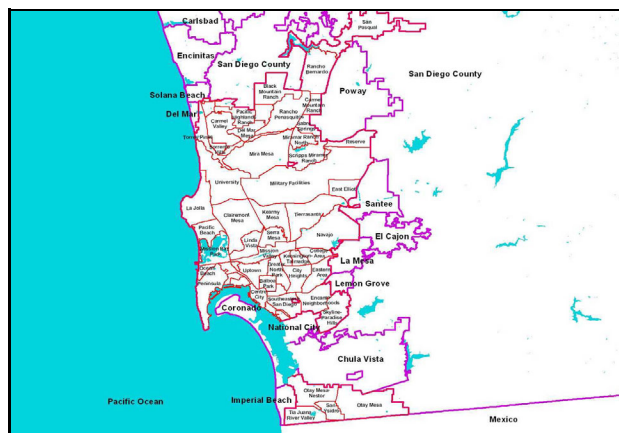
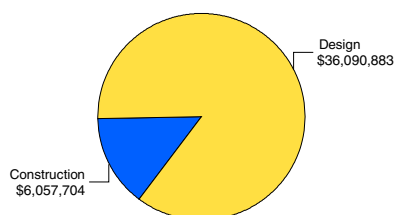
Justification: These activities are required to plan and implement the Water Department Capital Improvements Program in conformance with the Strategic Plan for Water Supply.

Operating Budget Effect: The operating budget effect is estimated to be minimal.

Relationship to General and Community Plans: This project is in conformance with the City's Progress Guide and General Plan.

Scheduling: Program planning and design are scheduled through Fiscal Year 2007.

**Expenditure by Work Code
Project Life**



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
UNAPPR			6,057,704				
WATER-E	6,281,443	645,822		1,500,000	1,200,000	1,200,000	
WATER-R	14,656,699	1,506,919		3,500,000	2,800,000	2,800,000	
Total	20,938,142	2,152,741	6,057,704	5,000,000	4,000,000	4,000,000	
Work Codes	D	D	C	D	D	D	
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
UNAPPR							6,057,704
WATER-E							10,827,265
WATER-R							25,263,618
Total							42,148,587
Work Codes							

Contact: Sam Gray

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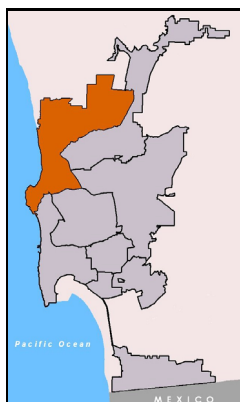
Phone: 619-533-4157

Water Municipal Water

70-958.0 Del Mar Heights Pipeline Rehabilitation

Council District: 1

Community Plan: Pacific Highlands Ranch, Del Mar Mesa



Description: This project requires rehabilitation of the joints and realignment of significant portions of the pipeline.

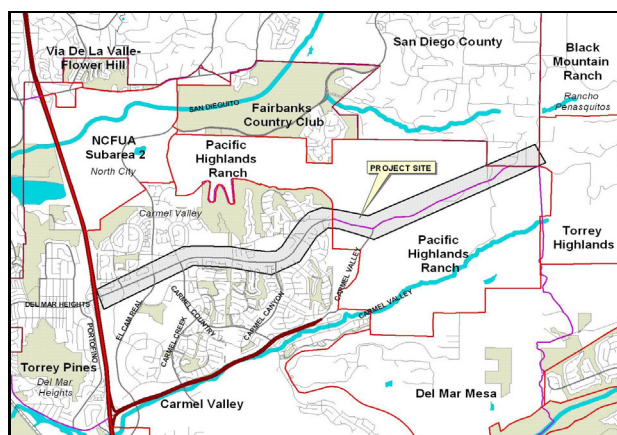
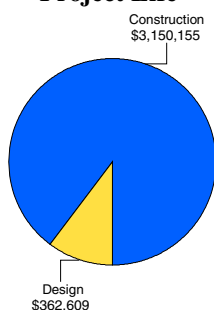
Justification: Corrosion inspection indicate that the project needs significant rehabilitation and realignment of the existing pipeline to meet future community needs.

Operating Budget Effect: The operating budget effect is estimated to be minimal.

Relationship to General and Community Plans: This project is consistent with the Del Mar Heights and Pacific Highlands Ranch Community Plans, and it is in conformance with the City's Progress Guide and General Plan.

Scheduling: This project is estimated to begin design work in Fiscal Year 2007 and to complete design in Fiscal Year 2008. Construction is estimated to begin in Fiscal Year 2009 and to be completed in Fiscal Year 2012.

**Expenditure by Work Code
Project Life**



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R						310,246	52,363
Total						310,246	52,363
Work Codes						D	D
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R	293,914	2,663,029	150,069	43,143			3,512,764
Total	293,914	2,663,029	150,069	43,143			3,512,764
Work Codes	C	C	C	C			

Contact: Sam Gray

E-Mail: sgray@sandiego.gov

Phone: 619-533-4157

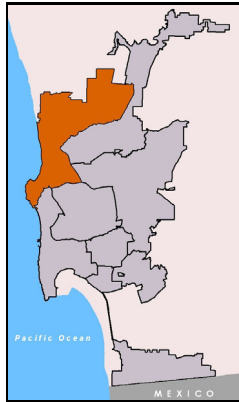
Water

Municipal Water

70-964.0 Del Mar Mesa 30-Inch Water Transmission Line

Council District: 1

Community Plan: Del Mar Mesa



Description: This project provides for the construction of approximately 11,200 linear feet of 30-inch diameter water transmission pipeline in Carmel Mountain Road and Camino Santa Fe within the Del Mar Mesa Community, to provide capacity for both Del Mar Mesa and Pacific Highlands Ranch.

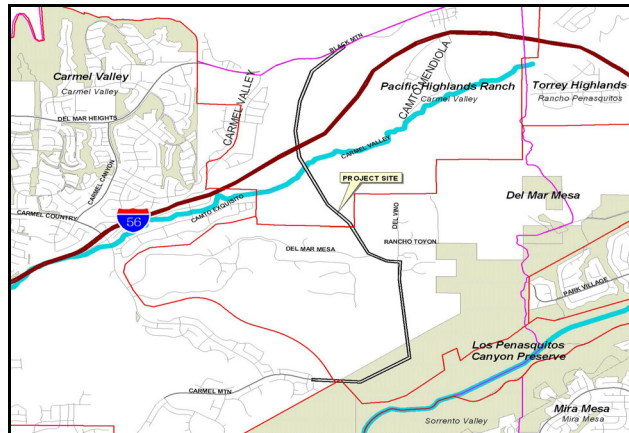
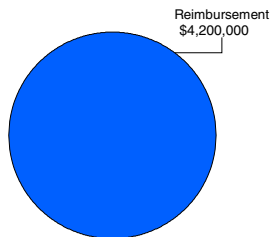
Justification: The pipeline is required to provide capacity in the water system to adequately supply the demand resulting from the build-out of the Del Mar Mesa and Pacific Highlands Ranch communities.

Operating Budget Effect: The operating budget effect is estimated to be minimal.

Relationship to General and Community Plans: This project is consistent with the Del Mar Mesa and Pacific Highlands Ranch Community Plans and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design and construction are scheduled to begin in Fiscal Year 2004.

Expenditure by Work Code Project Life



Expenditures by Revenue Source						
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007
FBA 09			351,750	383,250		
FBA 11			126,000	3,339,000		
Total			477,750	3,722,250		
Work Codes			R	R		

Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
FBA 09							735,000
FBA 11							3,465,000
Total							4,200,000
Work Codes							

Contact: John Tracanna

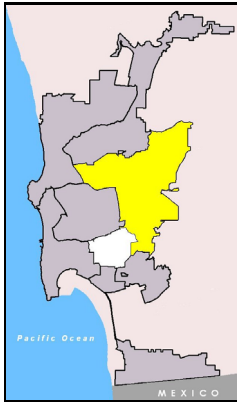
E-Mail: JTracanna@sandiego.gov

Phone: 619-533-3682

Water
Municipal Water
70-959.0 El Capitan Parallel Pipeline

Council District: None

Community Plan: No Community Planning Area



Description: This project provides for a pipeline parallel to the existing 48 inch El Capitan Pipeline with 41,490 linear feet of new 54 inch pipeline.

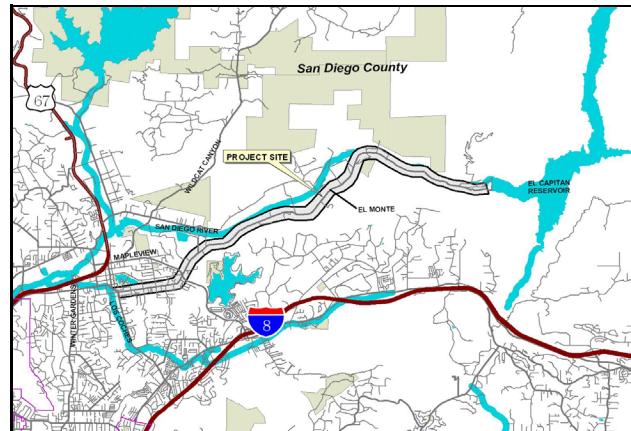
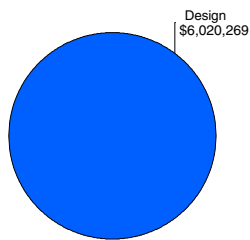
Justification: This project would provide an additional outlet capacity of 75 million gallons per day (MGD) from El Capitan Reservoir to the Lakeside Pump Station. The combined capacity of the two pipelines would be 130 MGD. This would enable the Lakeside Pump Station to deliver 110 MGD to the Alvarado Water Treatment Plant and 20 MGD to the Helix Water District.

Operating Budget Effect: The operating budget effect will be determined upon completion of design.

Relationship to General and Community Plans: This project is consistent with the City's Progress Guide and General Plan.

Scheduling: Design is scheduled to begin in Fiscal Year 2012 and continue through Fiscal Year 2013.

**Expenditure by Work Code
Project Life**



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R							
Total							
Work Codes							
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R				5,193,176	827,093		6,020,269
Total				5,193,176	827,093		6,020,269
Work Codes				D	D		

Contact: Sam Gray

E-Mail: sgray@sandiego.gov

Phone: 619-533-4157

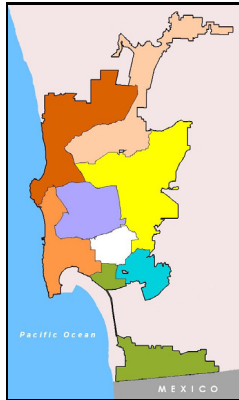
Water

Municipal Water

73-319.0 El Capitan Reservoir - Road Improvements

Council District: None

Community Plan: No Community Planning Area



Description: This project provides for widening the existing access road to El Capitan Reservoir.

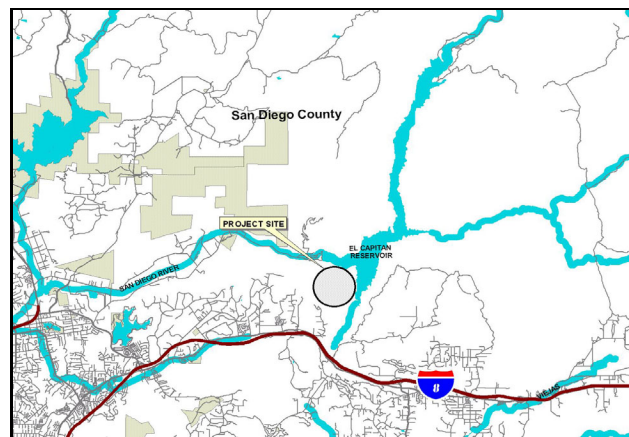
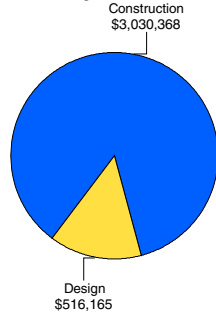
Justification: The existing access road is narrow and has become a safety concern. Widening the road will provide better accessibility to the reservoir, better accommodate the recreation activities, and assist maintenance efforts for the reservoir.

Operating Budget Effect: The operating budget effect is estimated to be minimal.

Relationship to General and Community Plans: This project is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 2000 and was completed in Fiscal Year 2001. Construction will begin in Fiscal Year 2008 and is scheduled to be completed in Fiscal Year 2009.

**Expenditure by Work Code
Project Life**



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R		516,165					2,792,736
Total		516,165					2,792,736
Work Codes		D					C
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R	237,632						3,546,533
Total	237,632						3,546,533
Work Codes	C						

Contact: Sam Gray

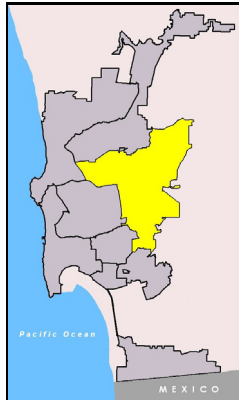
E-Mail: sgray@sanidiego.gov

Phone: 619-533-4157

Water
Municipal Water
70-960.0 El Monte Pipeline No. 2

Council District: 7

Community Plan: Navajo



Description: This project would build a new 60 inch pipeline with a capacity of 150 million gallons per day (MGD) between the Lakeside Pump Station and the Alvarado Water Treatment Plant.

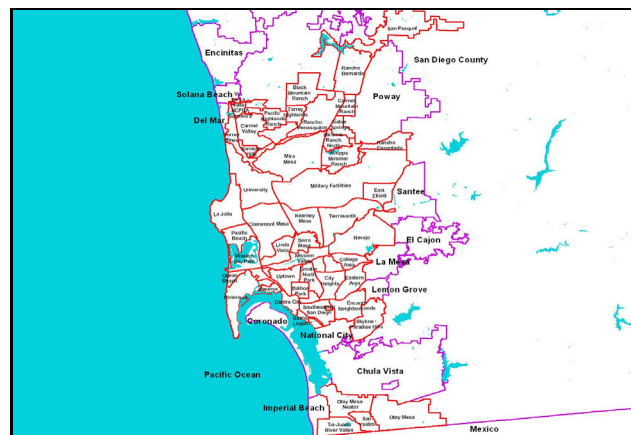
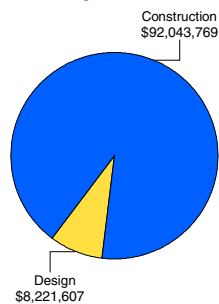
Justification: This project is necessary to ensure that future water demands are met in the Alvarado Community.

Operating Budget Effect: The operating budget effect is estimated to be minimal.

Relationship to General and Community Plans: This project is consistent with the City's Progress Guide and General Plan.

Scheduling: Design is estimated to begin in Fiscal Year 2009 and to be completed in Fiscal Year 2009. Construction is estimated to begin in Fiscal Year 2010 and to continue through Fiscal Year 2014.

**Expenditure by Work Code
Project Life**



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R							
Total							
Work Codes							
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R	8,221,607	20,197,546	18,320,739	1,475,207	3,955,884	48,094,393	100,265,376
Total	8,221,607	20,197,546	18,320,739	1,475,207	3,955,884	48,094,393	100,265,376
Work Codes	D	C	C	C	C	C	

Contact: Sam Gray

E-Mail: sgray@sanidiego.gov

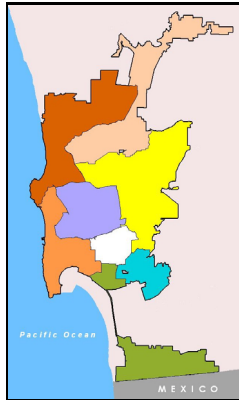
Phone: 619-533-4157

Water

Municipal Water

73-352.0 Flow Meters - Pump Stations and Pressure Reduction Stations with SCADA

Council District: Citywide **Community Plan:** Citywide



Description: This project provides for installing flow meters throughout the water distribution system to monitor water flows.

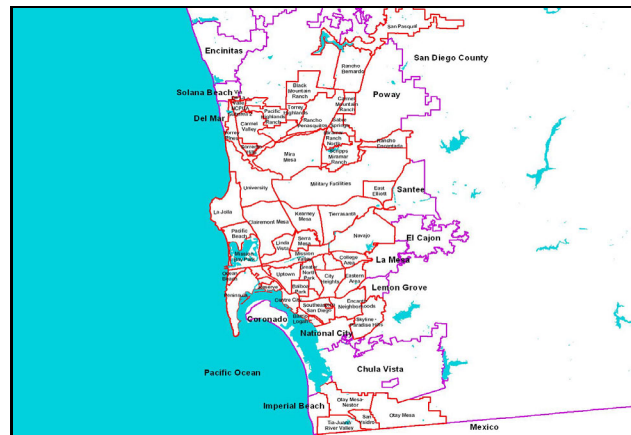
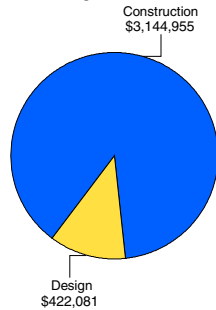
Justification: This project is necessary to provide adequate data to manage the distribution of water within the City's pump stations and pressure reduction stations. These flow meters will be connected to the City's SCADA system.

Operating Budget Effect: The operating budget effect is estimated to be minimal.

Relationship to General and Community Plans: This project is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design is scheduled to begin in Fiscal Year 2008 and to be completed in Fiscal Year 2009. Construction is scheduled to begin in Fiscal Year 2010 and continue through Fiscal Year 2013.

Expenditure by Work Code Project Life



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R							360,362
Total							360,362
Work Codes							D
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R	61,719	1,155,967	1,898,493	76,787	13,708		3,567,036
Total	61,719	1,155,967	1,898,493	76,787	13,708		3,567,036
Work Codes	D	C	C	C	C		

Contact: Sam Gray

E-Mail: sgray@sandiego.gov

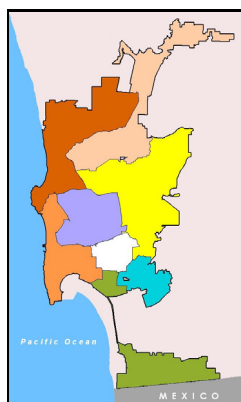
Phone: 619-533-4157

Water Municipal Water

73-351.0 Flow Meters - Raw Water Pipelines

Council District: None

Community Plan: Citywide



Description: This project provides for replacing, refurbishing, and installing new flow meters in the City's raw water pipelines to monitor water flows.

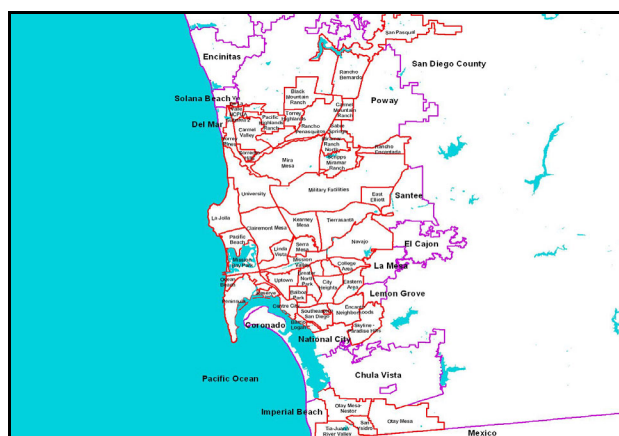
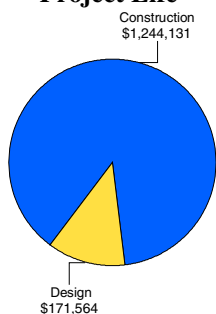
Justification: This project is necessary to provide adequate data to manage the distribution of water into the City's treatment plants through the El Capitan pipeline, the El Monte pipeline, and the San Vicente pipelines. These flow meters will be connected to the City's SCADA system.

Operating Budget Effect: The operating budget effect is estimated to be minimal.

Relationship to General and Community Plans: This project is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design is scheduled to begin in Fiscal Year 2008 and to be completed in Fiscal Year 2009. Construction is scheduled to begin in Fiscal Year 2010 and continue through Fiscal Year 2013.

Expenditure by Work Code Project Life



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R							147,895
Total							147,895
Work Codes							D
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R	23,669	1,162,721	33,507	46,573	1,330		1,415,695
Total	23,669	1,162,721	33,507	46,573	1,330		1,415,695
Work Codes	D	C	C	C	C		

Contact: Sam Gray

E-Mail: sgray@sandiego.gov

Phone: 619-533-4157

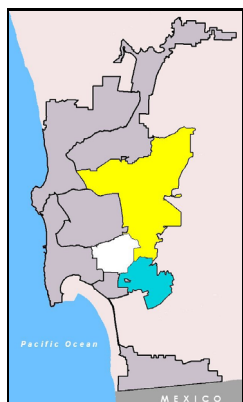
Water

Municipal Water

70-962.0 Genetic Algorithm Pipeline Replacement

Council District: 3, 4, 7

Community Plan: Greater North Park, Mid-City, Navajo, Skyline/Paradise Hills



Description: This project provides for the rehabilitation of pipelines for the Alvarado subarea to meet peak demand conditions projected for the Year 2030.

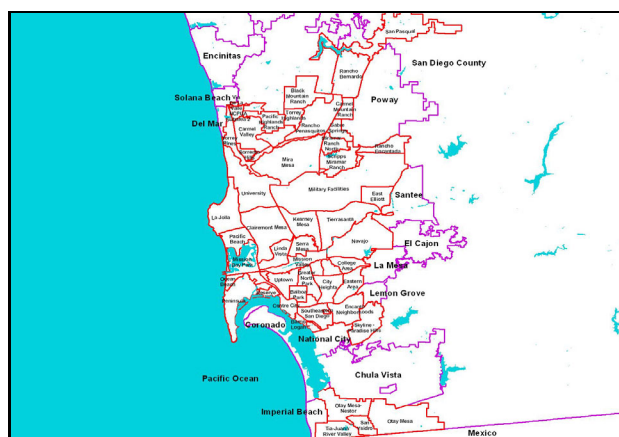
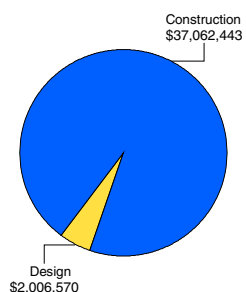
Justification: Increasing demands for water throughout the City dictate the need to better control water pressure throughout the City's system. This annual allocation will fund continued replacement and expansion of these facilities.

Operating Budget Effect: The operating budget effect is estimated to be minimal.

Relationship to General and Community Plans: This project is consistent with the City's Progress Guide and General Plan.

Scheduling: Design is scheduled to begin in Fiscal Year 2010 and to be completed in Fiscal Year 2011. Construction is anticipated to begin in Fiscal Year 2012 and continue through Fiscal Year 2014.

**Expenditure by Work Code
Project Life**



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R							
Total							
Work Codes							
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R		907,930	1,098,640	13,661,933	17,400,510	6,000,000	39,069,013
Total		907,930	1,098,640	13,661,933	17,400,510	6,000,000	39,069,013
Work Codes		D	D	C	C	C	

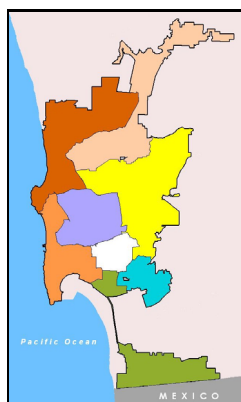
Contact: Sam Gray

E-Mail: sgray@sandiego.gov

Phone: 619-533-4157

75-932.0 Groundwater Asset Development Program

Council District: Citywide **Community Plan:** Citywide



Description: This project provides for investigative work related to legal, technical, regulatory, institutional and water quality issues in order to find the most effective ways to increase the local water supply.

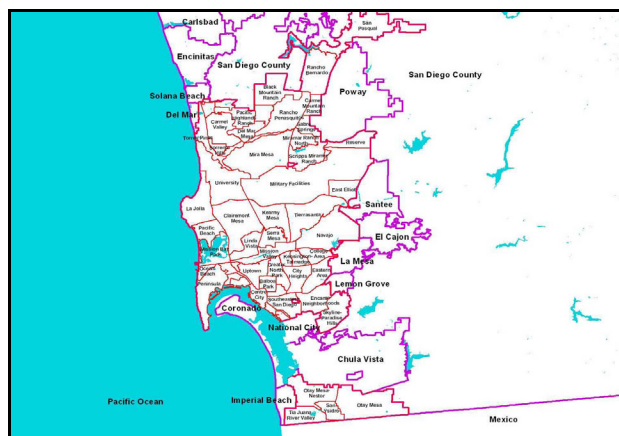
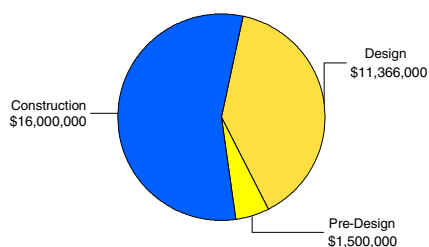
Justification: The City imports 90% of its water from the Colorado River and the State Water Project. The City has access to nine under-utilized groundwater assets that could be developed to supply new yield, seasonal storage or carryover storage.

Operating Budget Effect: The operating budget effect will be determined upon completion of design.

Relationship to General and Community Plans: This project is in conformance with the City's Progress Guide and General Plan.

Scheduling: Research, design, and development began in Fiscal Year 2001 and will continue through Fiscal Year 2004. They will resume in Fiscal Year 2008. Construction is scheduled to begin in Fiscal Year 2011.

**Expenditure by Work Code
Project Life**



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R		4,466,000	400,000				1,500,000
Total		4,466,000	400,000				1,500,000
Work Codes		D	D				P
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R	2,500,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	28,866,000
Total	2,500,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	28,866,000
Work Codes	D	D	C	C	C	C	

Contact: Sam Gray

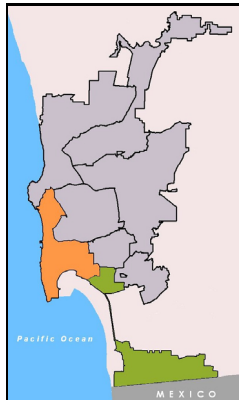
E-Mail: sgray@san Diego.gov

Phone: 619-533-4157

Water
Municipal Water
70-957.0 Harbor Drive Pipeline

Council District: 2, 8

Community Plan: Ocean Beach, Old San Diego, Peninsula, Centre City



Description: This project is to replace 15 miles of pipeline along Harbor Drive.

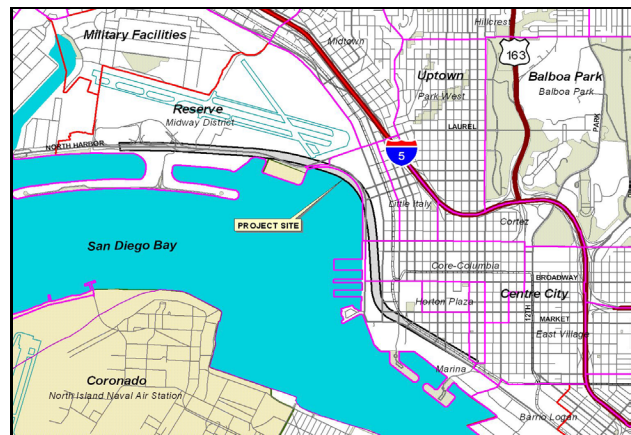
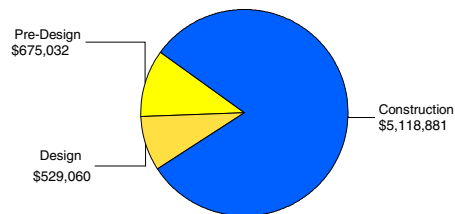
Justification: These improvements are necessary to prevent water pipe breaks and to ensure continuous water supply to the Ocean Beach and Peninsula community planning areas.

Operating Budget Effect: The operating budget effect is estimated to be minimal.

Relationship to General and Community Plans: The project is consistent with the affected community planning areas and is in conformance with the City's Progress Guide and General Plan.

Scheduling: The project is scheduled to begin design in Fiscal Year 2008 and to be completed in Fiscal Year 2010. Construction is estimated to begin in Fiscal Year 2010 and to be completed in Fiscal Year 2012.

**Expenditure by Work Code
Project Life**



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R							675,032
Total							675,032
Work Codes							P
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R	529,060	4,793,456	247,775	77,650			6,322,973
Total	529,060	4,793,456	247,775	77,650			6,322,973
Work Codes	D	C	C	C			

Contact: Sam Gray

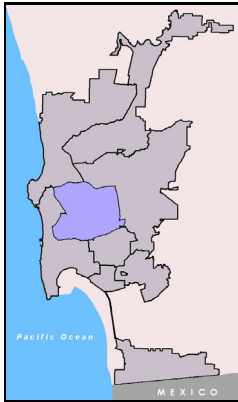
E-Mail: sgray@sandiego.gov

Phone: 619-533-4157

Water
Municipal Water
70-961.0 Kearny Mesa Pipeline Upgrade

Council District: 6

Community Plan: Kearny Mesa



Description: This project provides for the replacement of the Kearny Mesa Pipeline.

Justification: This upgrade is necessary to prevent water pipe breaks, and to assure a continuous water supply to the Kearny Mesa community.

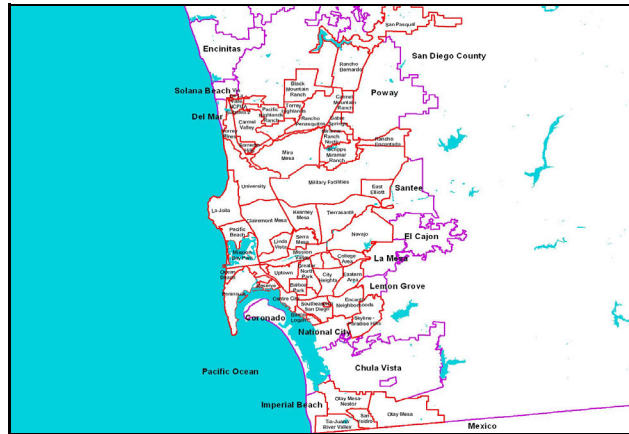
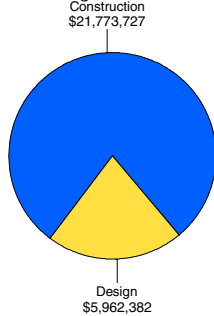
Operating Budget Effect: The operating budget effect is estimated to be minimal.

Relationship to General and Community Plans: This project is consistent with the City's Progress Guide and General Plan.

Scheduling: Design is estimated to begin in Fiscal Year 2011 and continue through Fiscal Year 2012. Construction is scheduled to begin in Fiscal Year 2013.

Expenditure by Work Code

Project Life



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R							
Total							
Work Codes							
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R			5,125,871	836,511	21,773,727		27,736,109
Total			5,125,871	836,511	21,773,727		27,736,109
Work Codes			D	D	C		

Contact: Sam Gray

E-Mail: sgray@sanidiego.gov

Phone: 619-533-4157

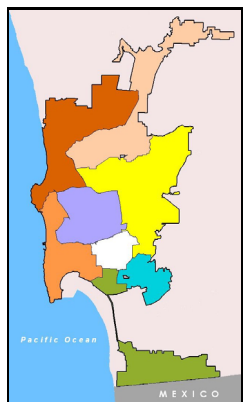
Water

Municipal Water

73-343.0 Lower Otay Reservoir - Emergency Outlet Improvements

Council District: None

Community Plan: No Community Planning Area



Description: This project provides for increased draw-down capability by installing dual 48-inch drain pipes through the existing auxiliary spillway bulkheads and intake screens on the upstream end. The length of each pipe will be 70 feet.

Justification: The State Department of Safety of Dams requires an emergency draw-down capability of 10% of reservoir capacity in ten days. Lower Otay Reservoir (backed up by Savage Dam) requires 56 days for 10% draw down. This presents a risk of dam failure.

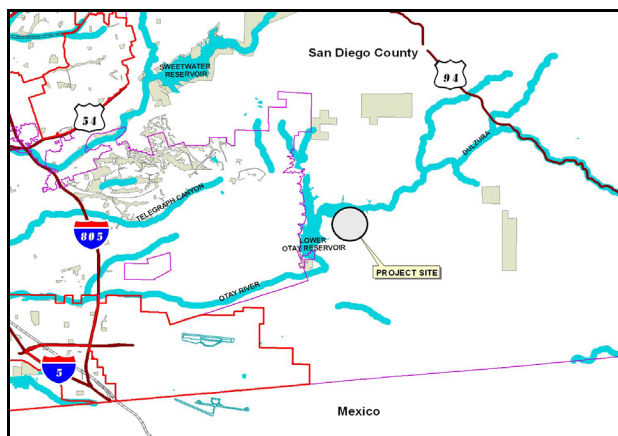
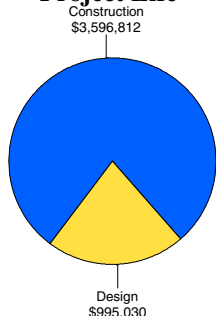
Operating Budget Effect: The operating budget effect will be determined upon completion of design.

Relationship to General and Community Plans: This project is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 2001. Construction is scheduled to begin in Fiscal Year 2009 and be completed in Fiscal Year 2011.

Expenditure by Work Code

Project Life



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R		681,019					
Total		681,019					
Work Codes		D					
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R	314,211	3,552,617	43,995				4,591,842
Total	314,211	3,552,617	43,995				4,591,842
Work Codes	CD	C	C				

Contact: Sam Gray

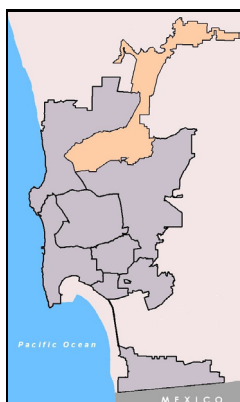
E-Mail: sgray@sandiego.gov

Phone: 619-533-4157

70-910.5 Miramar Pipeline Improvements - Phase III

Council District: 5

Community Plan: Mira Mesa



Description: This project provides for replacing or rehabilitating 14,400 linear feet of existing 51-inch diameter prestressed concrete cylinder pipe on Mira Mesa Boulevard between Stadium Street and Westonhill Drive. A pipeline condition assessment will be performed prior to initiating design.

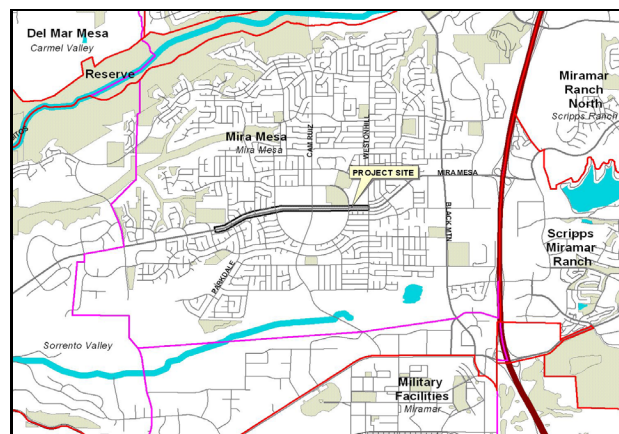
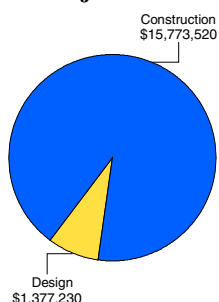
Justification: These improvements are necessary to prevent water pipe breaks, and to assure a continuous water supply to the Mira Mesa Community.

Operating Budget Effect: The operating budget effect will be determined upon completion of design.

Relationship to General and Community Plans: This project is consistent with the Mira Mesa Community Plan, and it is in conformance with the City's Progress Guide and General Plan.

Scheduling: Preliminary planning and design began in Fiscal Year 1994 and were completed in Fiscal Year 2001. Design began in Fiscal Year 2003 and is scheduled to be completed in Fiscal Year 2005 following construction of the Black Mountain Road Pipeline projects (CIP 70-945.0 and CIP 73-341.0). Construction is scheduled to begin in Fiscal Year 2006 and be completed in Fiscal Year 2009.

**Expenditure by Work Code
Project Life**



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R		111,979	168,593	1,096,658	193,110	6,576,709	8,802,714
Total		111,979	168,593	1,096,658	193,110	6,576,709	8,802,714
Work Codes		D	D	D	C	C	C
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R	200,987						17,150,750
Total	200,987						17,150,750
Work Codes	C						

Contact: Sam Gray

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Phone: 619-533-4157

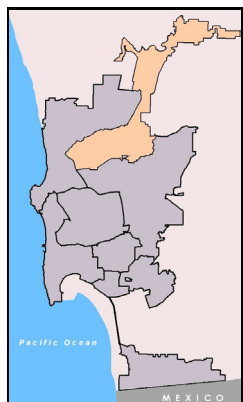
Water

Municipal Water

70-910.6 Miramar Pipeline Improvements - Phase IV

Council District: 5

Community Plan: Mira Mesa



Description: This project provides for replacing or rehabilitating 12,470 linear feet of existing 51-inch diameter prestressed concrete cylinder pipe along Mira Mesa Boulevard and Scripps Lake Drive. The decision to replace or rehabilitate will be made based on a condition assessment of the pipeline including a physical inspection. The revision is consistent with the Water Financing Plan as approved by the City Council on April 30, 2002, per Resolution R-296437.

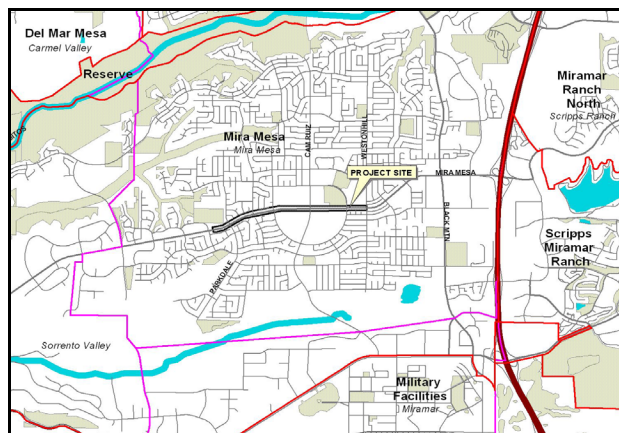
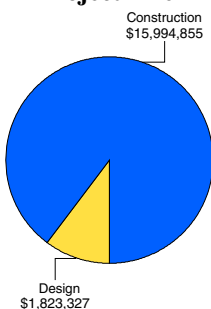
Justification: These improvements are necessary to prevent water pipe breaks and to assure a continuous water supply to the Mira Mesa Community.

Operating Budget Effect: The operating budget effect will be determined upon completion of design.

Relationship to General and Community Plans: This project is consistent with the Mira Mesa Community Plan, and it is in conformance with the City's Progress Guide and General Plan.

Scheduling: Preliminary design began in Fiscal Year 1994 and was completed in Fiscal Year 2001. Design is scheduled to begin in Fiscal Year 2005 and to be completed in Fiscal Year 2006, following construction of the Black Mountain Road Pipeline projects (CIP 70-945.0 and CIP 73-341.0). Construction is scheduled to begin in Fiscal Year 2007 and be completed in Fiscal Year 2010.

**Expenditure by Work Code
Project Life**



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R		1,800		202,100	1,619,427	144,802	8,430,921
Total		1,800		202,100	1,619,427	144,802	8,430,921
Work Codes		D		D	D	C	C

Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R	7,057,350	361,782					17,818,182
Total	7,057,350	361,782					17,818,182
Work Codes	C	C					

Contact: Sam Gray

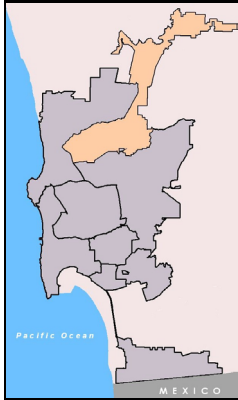
E-Mail: sgray@sandiego.gov

Phone: 619-533-4157

73-284.0 Miramar Water Treatment Plant - Upgrade and Expansion

Council District: 5

Community Plan: Scripps Miramar Ranch



Description: This project provides for expanding the capacity of the Miramar Water Treatment Plant and upgrading the existing facilities. The Fiscal Year 2004 Proposed budget includes phase-funded contracts in the amount of \$11,252,996.

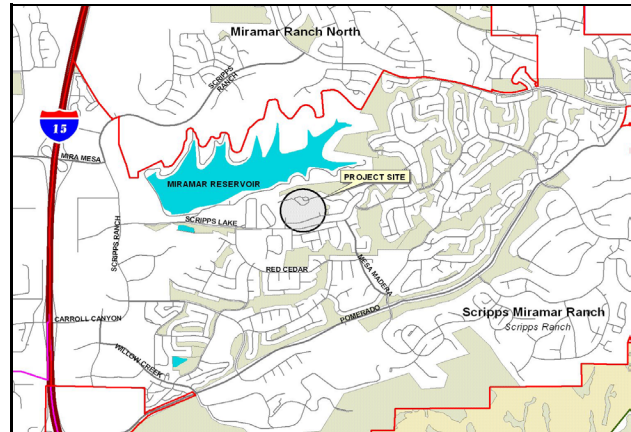
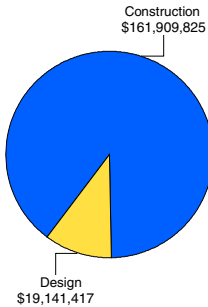
Justification: The Safe Drinking Water Act dictates the need to upgrade the existing treatment plant. Also, increasing demands on the plant by the rapidly growing North City area necessitate its expansion.

Operating Budget Effect: The operating budget effect will be determined upon completion of design.

Relationship to General and Community Plans: This project is consistent with the Scripps Miramar Ranch Community Plan, and it is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 1997 and was scheduled to be completed in Fiscal Year 2002. Construction began in Fiscal Year 2001 and is scheduled to be completed in Fiscal Year 2010.

**Expenditure by Work Code
Project Life**



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
UNAPPR			11,252,996				
WATER-E	11,252,562	2,331,448	6,054,381	11,329,172	10,262,219	7,580,470	7,055,767
WATER-R	21,843,210	4,525,752	11,752,623	21,991,922	19,920,777	14,715,031	13,696,489
Total	33,095,772	6,857,200	29,060,000	33,321,094	30,182,996	22,295,501	20,752,256
Work Codes	CD	C	C	C	C	C	C

Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
UNAPPR							11,252,996
WATER-E	1,858,818	6,565					57,731,402
WATER-R	3,608,295	12,745					112,066,844
Total	5,467,113	19,310					181,051,242
Work Codes	C	C					

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Phone: 619-533-4157

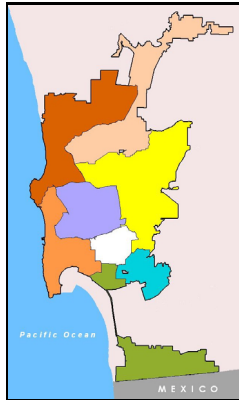
Water

Municipal Water

73-321.0 Morena Reservoir Outlet Tower Upgrade

Council District: None

Community Plan: No Community Planning Area



Description: This project provides for upgrading the electrical system and replacing the outlet tower pipes, valves, and platforms. It also provides for rehabilitating a grotto that has formed and extends under the dam.

Justification: The aging outlet tower components are in need of replacement for safety and ease of operation. Furthermore, the electrical system needs to be upgraded to meet current standards, provide better control, and provide safety and better accessibility. Grotto rehabilitation is required for dam safety.

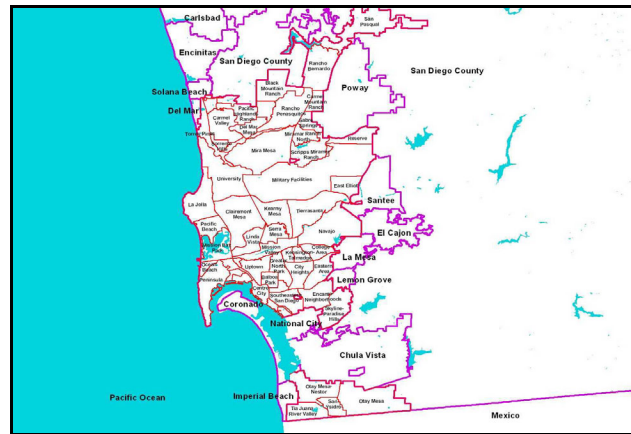
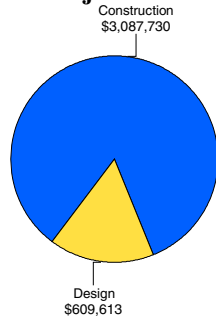
Operating Budget Effect: The operating budget effect is estimated to be minimal.

Relationship to General and Community Plans: This project is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 2001 and was completed in Fiscal Year 2003. Construction is scheduled to begin in Fiscal Year 2007 and be completed in Fiscal Year 2010.

Expenditure by Work Code

Project Life



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R		609,613				16,241	948,802
Total		609,613				16,241	948,802
Work Codes		D				C	C
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R	2,038,190	84,497					3,697,343
Total	2,038,190	84,497					3,697,343
Work Codes	C	C					

Contact: Sam Gray

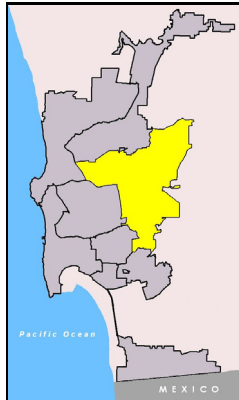
E-Mail: sgray@sanidiego.gov

Phone: 619-533-4157

Water
Municipal Water
73-915.0 Murray Outlet Tower

Council District: 7

Community Plan: Navajo



Description: This project provides for retrofitting the interior of the Lake Murray outlet tower.

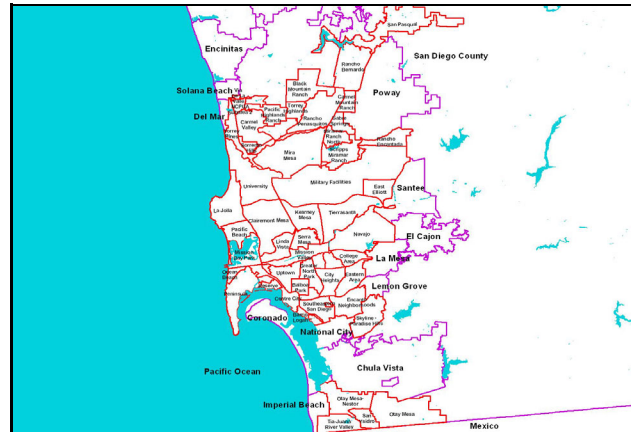
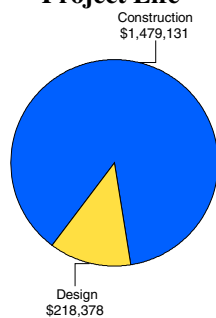
Justification: The aging outlet tower components are in need of replacement for safety and ease of operation.

Operating Budget Effect: The operating budget effect is estimated to be minimal.

Relationship to General and Community Plans: This project is consistent with the City's Progress Guide and General Plan.

Scheduling: The design is scheduled to begin in Fiscal Year 2011 and to continue through Fiscal Year 2012. Construction is scheduled to begin in Fiscal Year 2013.

**Expenditure by Work Code
Project Life**



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R							
Total							
Work Codes							
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R			188,158	30,220	1,479,131		1,697,509
Total			188,158	30,220	1,479,131		1,697,509
Work Codes			D	D	C		

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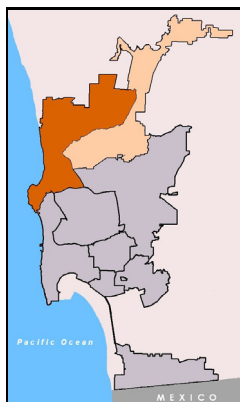
Water

Municipal Water

70-963.0 North City Pipeline Improvements

Council District: 1, 5

Community Plan: Citywide



Description: Construction of the 610 zone improvements will be done to improve the City's water infrastructure for the North City area.

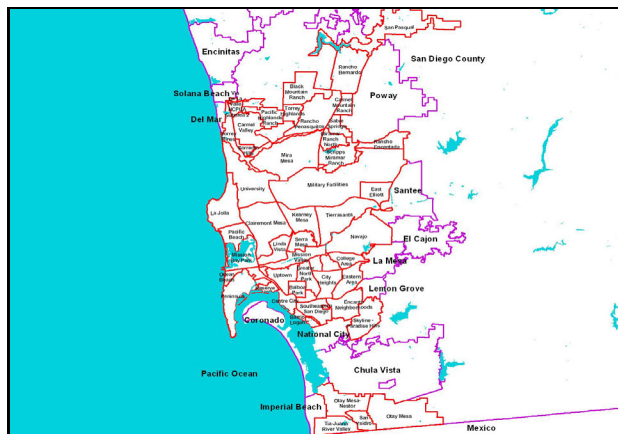
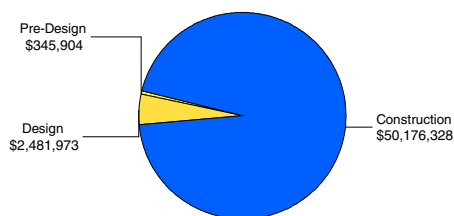
Justification: Future growth for the North City makes it important to expand water infrastructure needed to improve the City's current hydraulic deficiencies and to meet future water demands.

Operating Budget Effect: The operating budget effect is estimated to be minimal.

Relationship to General and Community Plans: This project is consistent with the Black Mountain Ranch, Carmel Mountain Ranch, Carmel Valley, Fairbanks Country Club, La Jolla, Miramar Ranch North, Pacific Highlands Ranch, Rancho Bernardo, Rancho Penasquitos, Sabre Springs, Scripps Miramar Ranch, Torrey Highlands, Torrey Pines, and Via de la Valle community plans and the Los Penasquitos Canyon Preserve plan. It is in conformance with the City's Progress Guide and General Plan.

Scheduling: Initial planning work was scheduled to begin in Fiscal Year 2003 and continue through Fiscal Year 2004. Design is scheduled to begin in Fiscal Year 2007 and construction is anticipated to begin in Fiscal Year 2008 and to be completed in Fiscal Year 2012.

**Expenditure by Work Code
Project Life**



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R		207,996	137,908			2,481,973	3,992,848
Total		207,996	137,908			2,481,973	3,992,848
Work Codes		P	P			D	C
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R	26,255,262	18,887,488	968,832	71,898			53,004,205
Total	26,255,262	18,887,488	968,832	71,898			53,004,205
Work Codes	C	C	C	C			

Contact: Sam Gray

E-Mail: sgray@sanidiego.gov

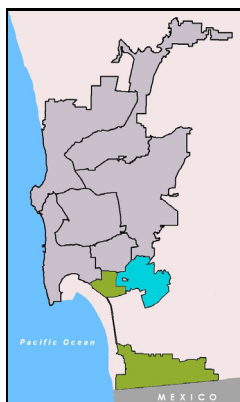
Phone: 619-533-4157

Water Municipal Water

73-286.0 Otay Second Pipeline Improvements

Council District: 4, 8

Community Plan: Skyline/Paradise Hills, Southeastern San Diego



Description: This project provides for evaluating the condition of existing pipelines and for making appropriate upgrades and replacements to the pipeline south of State Route 94.

Justification: This pipeline was originally installed in 1928, and has exceeded its useful life expectancy of sixty years. Breaks in the pipeline have revealed severe pipe corrosion in certain locations.

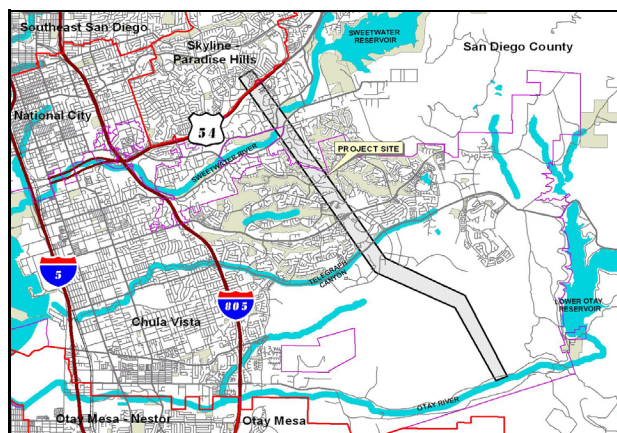
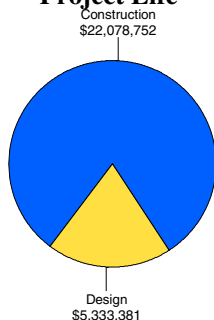
Operating Budget Effect: The operating budget effect is estimated to be minimal.

Relationship to General and Community Plans: This project is consistent with the Skyline/Paradise Hills and Southeastern San Diego Community Plans, and it is in conformance with the City's Progress Guide and General Plan.

Scheduling: Engineering studies and design began in Fiscal Year 1999 and continue through Fiscal Year 2003. Construction is scheduled to begin in Fiscal Year 2004 and be completed in Fiscal Year 2009. However, this scheduling is contingent on the assessed condition of the pipeline.

Expenditure by Work Code

Project Life



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R		5,333,381	1,171,041	9,580,715	9,592,692	1,648,961	78,700
Total		5,333,381	1,171,041	9,580,715	9,592,692	1,648,961	78,700
Work Codes		D	C	C	C	C	C
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R	6,643						27,412,133
Total	6,643						27,412,133
Work Codes	C						

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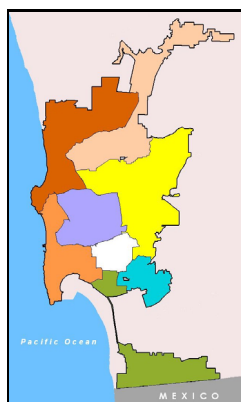
Water

Municipal Water

73-250.0 Otay Water Treatment Plant - Clearwell Storage

Council District: None

Community Plan: No Community Planning Area



Description: This project provides for installing two 6.5 million gallon clearwell storage reservoirs at the Otay Water Treatment Plant. The Fiscal Year 2004 Budget includes phase funding in the amount of \$1,283,253.

Justification: Additional clearwell storage capacity is needed to meet the anticipated future peak water demands in the southern San Diego area and enhance operational flexibility.

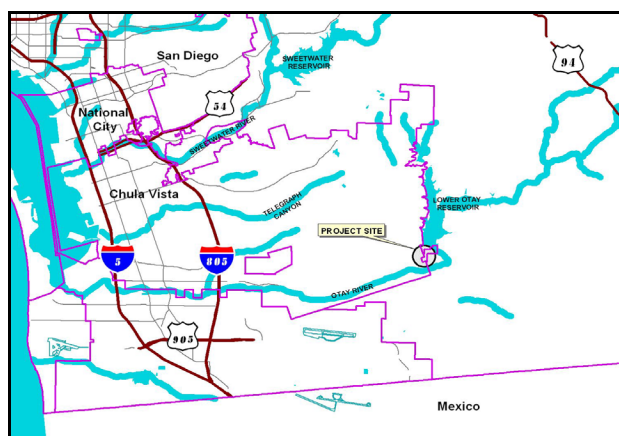
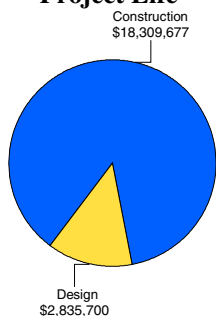
Operating Budget Effect: See the operating budget effect table.

Relationship to General and Community Plans: This project is consistent with the Otay Mesa Community Plan, and it is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 2000 and was completed in Fiscal Year 2002. Construction was scheduled to begin in Fiscal Year 2003 and be completed in Fiscal Year 2006.

Expenditure by Work Code

Project Life



Expenditures by Revenue Source						
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007
UNAPPR			1,283,253			
WATER-R	1,561,921	4,438,491	13,495,080	360,116	6,516	
Total	1,561,921	4,438,491	14,778,333	360,116	6,516	
Work Codes	CD	CD	C	C	C	

Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
UNAPPR							1,283,253
WATER-R							19,862,124
Total							21,145,377
Work Codes							

Operating Budget Effect				
Fiscal Year	Operating Costs	Maintenance Costs	Other Department	Total
2004				
Staffing	-	-	-	-
PE	\$ 5,200	\$ -	\$ -	\$ 5,200
NPE	\$ 7,800	\$ -	\$ -	\$ 7,800
Total Impact	\$ 13,000	\$ -	\$ -	\$ 13,000

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73-322.0 Otay Water Treatment Plant - Raw Water Pump Operational Conversion

Council District: None

Community Plan: No Community Planning Area

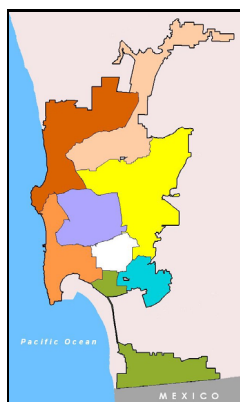
Description: This project provides for upgrading the raw water pump station to meet maximum daily demand.

Justification: This project will allow the pump station to provide sufficient water for the treatment plant to operate at its maximum capacity.

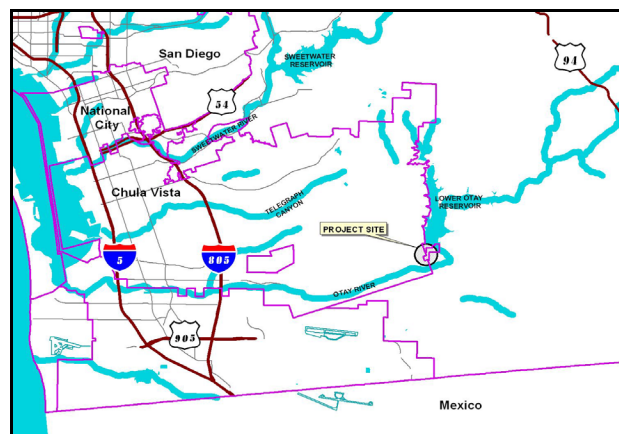
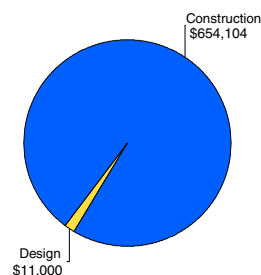
Operating Budget Effect: The operating budget effect is estimated to be minimal.

Relationship to General and Community Plans: This project is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 2002 and was completed in Fiscal Year 2003. Construction was scheduled to begin in Fiscal Year 2003 and be completed in Fiscal Year 2005.



**Expenditure by Work Code
Project Life**



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R	178,022	442,846	41,501	2,735			
Total	178,022	442,846	41,501	2,735			
Work Codes	CD	C	C	C			

Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R							665,104
Total							665,104
Work Codes							

Contact: Sam Gray

E-Mail: sgray@sandiego.gov

Phone: 619-533-4157

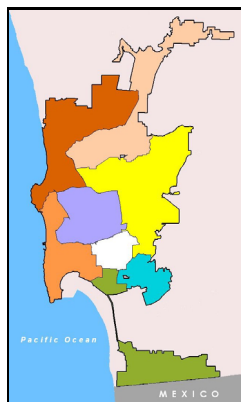
Water

Municipal Water

73-285.0 Otay Water Treatment Plant - Upgrade - Phase II

Council District: None

Community Plan: No Community Planning Area



Description: This project provides for upgrading the treatment processes at the Otay Water Treatment Plant to comply with the Safe Drinking Water Act standards.

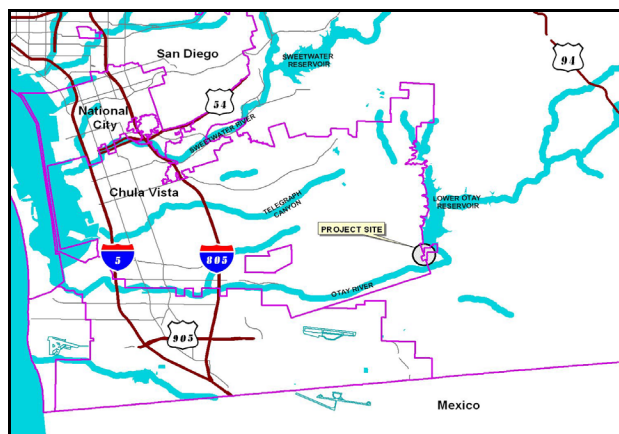
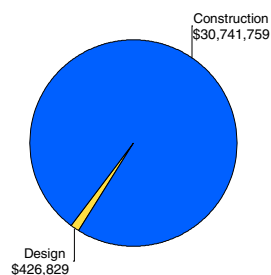
Justification: New standards required by the Safe Drinking Water Act dictate the need to upgrade the existing water treatment plant standards.

Operating Budget Effect: The operating budget effect is estimated to be minimal.

Relationship to General and Community Plans: This project is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 2001 and was completed in Fiscal Year 2003. Construction is scheduled to begin in Fiscal Year 2004 and be completed in Fiscal Year 2009.

**Expenditure by Work Code
Project Life**



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R	2,943,299	1,773,895	2,079,551	3,067,884	8,512,337	5,330,697	7,404,016
Total	2,943,299	1,773,895	2,079,551	3,067,884	8,512,337	5,330,697	7,404,016
Work Codes	CD	C	C	C	C	C	C

Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R	56,909						31,168,588
Total	56,909						31,168,588
Work Codes	C						

Contact: Sam Gray

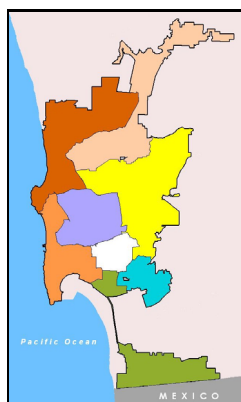
E-Mail: sgray@sandiego.gov

Phone: 619-533-4157

Water Municipal Water

75-934.0 Outlet Tower Silt Removal and Management

Council District: Citywide **Community Plan:** Citywide



Description: This project will remove silt and other deposits that have collected on the floor of the City's various reservoirs.

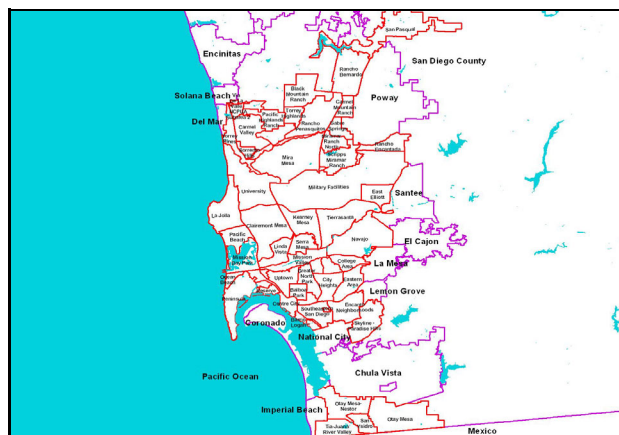
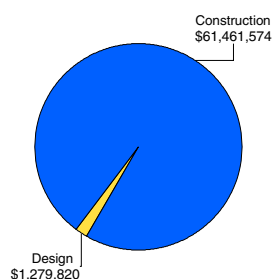
Justification: This project will allow greater storage capacity in the City's reservoirs.

Operating Budget Effect: The operating budget effect will be determined upon completion of the design.

Relationship to General and Community Plans: This project is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design is scheduled to begin in Fiscal Year 2011. Construction is anticipated to begin in Fiscal Year 2012.

Expenditure by Work Code Project Life



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R							
Total							
Work Codes							
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R			1,279,820	31,180,073	18,281,501	12,000,000	62,741,394
Total			1,279,820	31,180,073	18,281,501	12,000,000	62,741,394
Work Codes			D	C	C	C	

Contact: Sam Gray

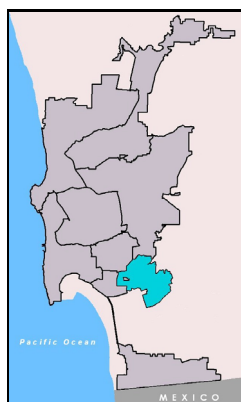
E-Mail: sgray@sandiego.gov

Phone: 619-533-4157

Water
Municipal Water
73-346.0 Parkland Pump Station

Council District: 4

Community Plan: Skyline/Paradise Hills



Description: This project provides for upgrading the existing pump stations to better meet current and future water distribution needs in the Paradise Hills area.

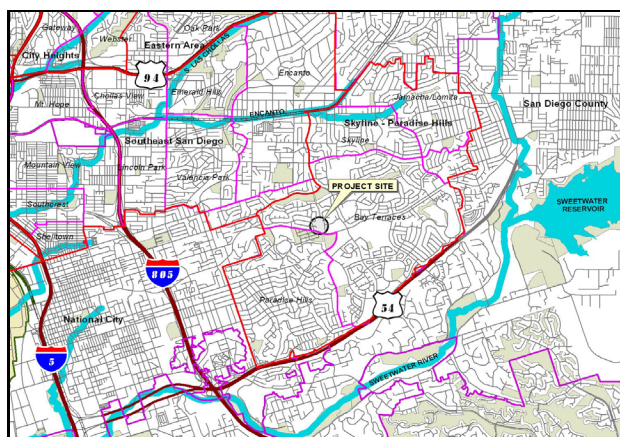
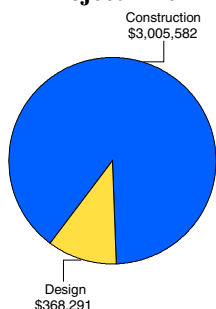
Justification: Growth and development in the Paradise Hills area have overburdened the capacity of the existing pump plants.

Operating Budget Effect: The operating budget effect is estimated to be minimal.

Relationship to General and Community Plans: This project is consistent with the Skyline/Paradise Hills Community Plan, and it is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 2000 and was completed in Fiscal Year 2002. Construction is scheduled to begin in Fiscal Year 2008 and be completed in Fiscal Year 2010.

**Expenditure by Work Code
Project Life**



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R	368,291	115,217					680,867
Total	368,291	115,217					680,867
Work Codes	D	C					C
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R	2,151,460	58,038					3,373,873
Total	2,151,460	58,038					3,373,873
Work Codes	C	C					

Contact: Sam Gray

E-Mail: sgray@sandiego.gov

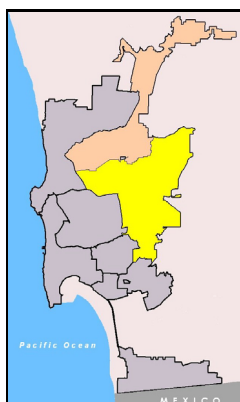
Phone: 619-533-4157

Water Municipal Water

73-248.0 Pomerado Pipeline Number 2

Council District: 5, 7

Community Plan: Scripps Miramar Ranch, Tierrasanta



Description: This project provides for purchasing the existing Pomerado Pipeline, which is routed between the Miramar Water Treatment Plant and the Tierrasanta area, from the San Diego County Water Authority.

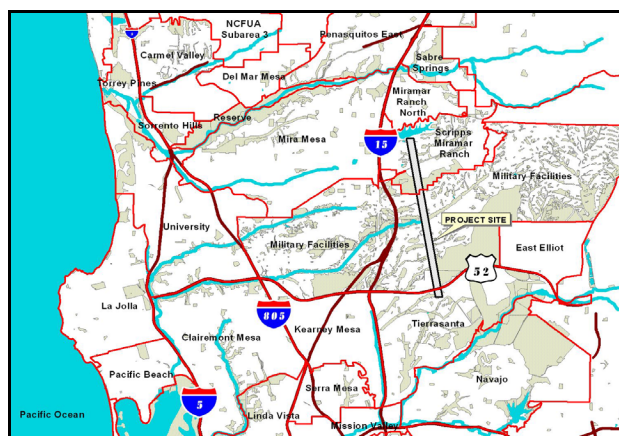
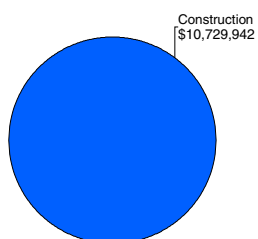
Justification: The City presently purchases imported filtered water from the County Water Authority for the Shepherd Canyon Pipeline. Anticipated demands on County Water Authority's filtered water pipeline will create a shortfall for the Shepherd Canyon connection. The shortfall would have to be mitigated by County Water Authority pumping treated water into its aqueduct from the Miramar Filtration Plant. The City would pay a proportionate share of the pumping cost, estimated at \$500,000 annually, for water taken at the connection. Pomerado Pipeline Number 2 will allow the City to disconnect from the County Water Authority aqueduct for all but emergency purposes.

Operating Budget Effect: See the operating budget effect table.

Relationship to General and Community Plans: This project is consistent with the Scripps Miramar Ranch and Tierrasanta Community Plans, and it is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design was completed in Fiscal Year 2001, the purchase was completed in Fiscal Year 2002. Construction is to begin in Fiscal Year 2009 and to be completed in Fiscal Year 2010.

**Expenditure by Work Code
Project Life**



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R							
Total							
Work Codes							
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R	14,703	10,715,239					10,729,942
Total	14,703	10,715,239					10,729,942
Work Codes	C	C					

Operating Budget Effect						
Fiscal Year 2010	Operating Costs	Maintenance Costs	Other Department		Total	
Staffing	-	-	-		-	
PE	\$ 2,100	\$ -	\$ -	\$	2,100	
NPE	\$ 516,900	\$ -	\$ -	\$	516,900	
Total Impact	\$ 519,000	\$ -	\$ -	\$	519,000	

Contact: Sam Gray

E-Mail: sgray@sandiego.gov

Phone: 619-533-4157

Water Municipal Water

73-342.0 Rancho Bernardo Pump Station Number 2

Council District: 1, 5

Community Plan: Mira Mesa, Rancho Penasquitos

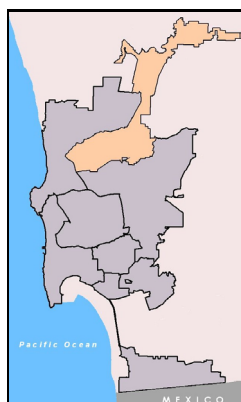
Description: This project provides for constructing a new water pump station.

Justification: This plant is required to deliver treated water from the Miramar Water Treatment Plant to the service area. This delivery of Miramar Water Treatment Plant water will reduce dependency on imported filtered water and will support future development and growth.

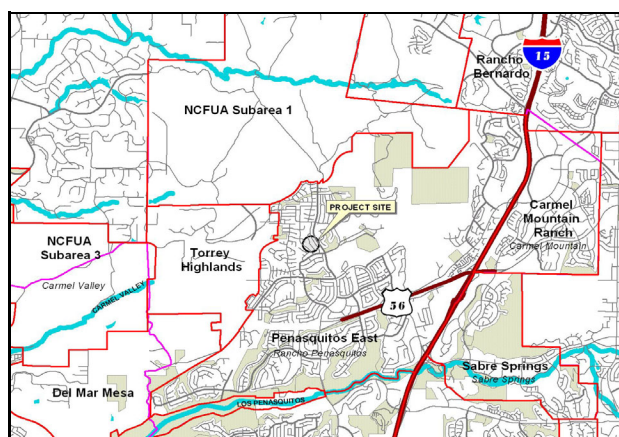
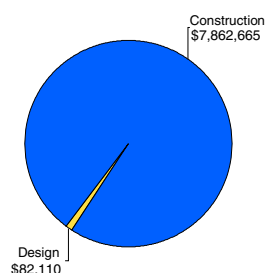
Operating Budget Effect: The operating budget effect is estimated to be minimal.

Relationship to General and Community Plans: This project is consistent with the Rancho Penasquitos and Mira Mesa Community Plans, and it is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design was completed in Fiscal Year 2001. Construction is scheduled to begin in Fiscal Year 2004 and be completed in Fiscal Year 2007.



**Expenditure by Work Code
Project Life**



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R	82,110		517,128	27,245	3,605,680	19,470	
Total	82,110		517,128	27,245	3,605,680	19,470	
Work Codes	D	C	C	C	C	C	

Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R							4,251,633
Total							4,251,633
Work Codes							

Contact: Sam Gray

E-Mail: sgray@sandiego.gov

Phone: 619-533-4157

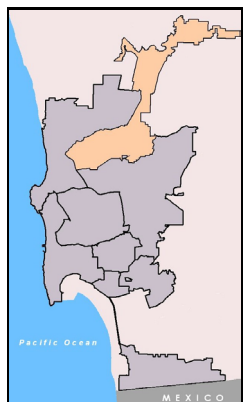
Water

Municipal Water

73-328.0 Rancho Bernardo Reservoir Rehabilitation

Council District: None

Community Plan: No Community Planning Area



Description: This project will replace the ten million gallon concrete reservoir with two five million gallon pre-stressed circular tanks.

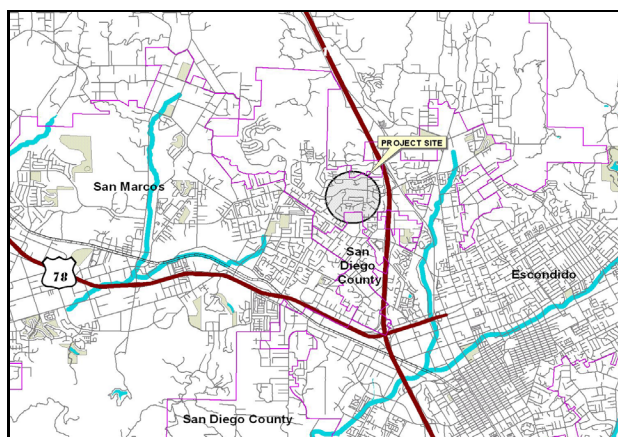
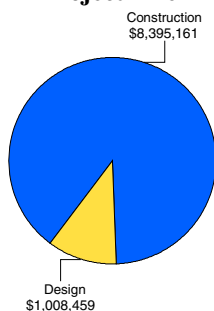
Justification: This rehabilitation project will extend the service life of the existing reservoir and reduce the maintenance required to keep it in safe operating condition.

Operating Budget Effect: The operating budget effect is estimated to be minimal.

Relationship to General and Community Plans: This project is consistent with the Rancho Bernardo Community Plan, and it is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 2000, and is scheduled to be completed in Fiscal Year 2004. Construction is scheduled to begin in Fiscal Year 2005 and be completed in Fiscal Year 2008.

**Expenditure by Work Code
Project Life**



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R	33,549	878,430	96,480	1,335,408	4,872,830	2,160,944	25,979
Total	33,549	878,430	96,480	1,335,408	4,872,830	2,160,944	25,979
Work Codes	D	D	D	C	C	C	C

Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R							9,403,620
Total							9,403,620
Work Codes							

Contact: Sam Gray

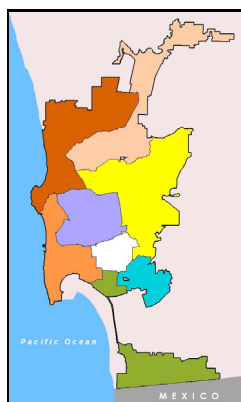
E-Mail: sgray@sanidiego.gov

Phone: 619-533-4157

73-291.0 Reservoir Water Quality Systems

Council District: None

Community Plan: No Community Planning Area



Description: This project provides for improvements to enhance water quality at the San Vicente Reservoir, Otay Reservoir and El Capitan Reservoir.

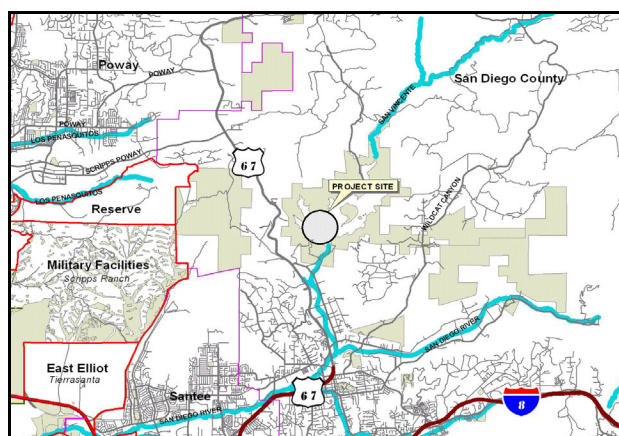
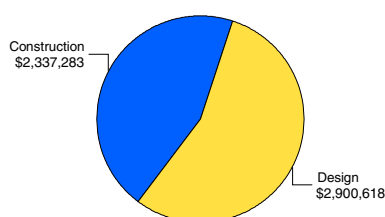
Justification: Source contaminants from unprotected watersheds contaminate raw water storage, degrading water quality. This degradation places greater burden on the water treatment process. Also, quality of stored water degrades as time passes. Once appropriate technology is identified for enhancing the degraded lake water quality, this project will implement the technology.

Operating Budget Effect: See the operating budget effect table.

Relationship to General and Community Plans: This project is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 2001 and will be completed in Fiscal Year 2004. Construction is scheduled to begin in Fiscal Year 2005 and will continue through Fiscal Year 2013.

**Expenditure by Work Code
Project Life**



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R	650,517	161,801	2,088,300	23,871	8,617	172,321	45,194
Total	650,517	161,801	2,088,300	23,871	8,617	172,321	45,194
Work Codes	D	D	D	C	C	C	C

Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R	1,677,819	68,820	13,824	16,084	310,733		5,237,901
Total	1,677,819	68,820	13,824	16,084	310,733		5,237,901
Work Codes	C	C	C	C	C		

Operating Budget Effect						
Fiscal Year 2005	Operating Costs	Maintenance Costs	Other Department	Total		
Staffing	-	-	-	-		
PE	\$ 1,000	\$ -	\$ -	\$ 1,000		
NPE	\$ 1,000	\$ -	\$ -	\$ 1,000		
Total Impact	\$ 2,000	\$ -	\$ -	\$ 2,000		

Contact: Sam Gray

E-Mail: sgray@sandiego.gov

Phone: 619-533-4157

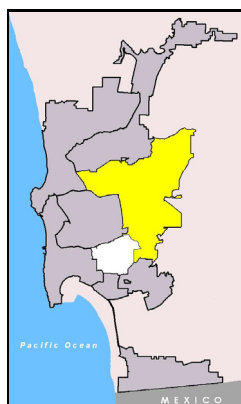
Water

Municipal Water

73-314.0 San Diego 17 Flow Control Facility and Pump Station

Council District: 3, 7

Community Plan: Mid-City, Navajo, College Area



Description: This project provides for installing a new water pump station at the Alvarado Water Treatment Plant to feed potable water into the County Water Authority's pipeline.

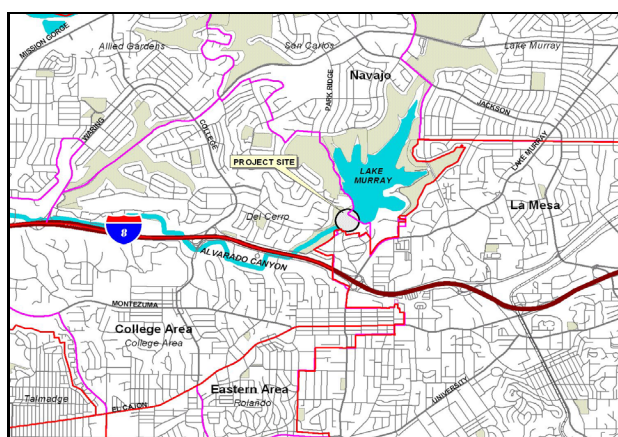
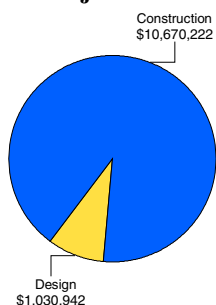
Justification: This pump plant will supply the Mid-City Pipeline project, serving the College Area and Mid-City communities.

Operating Budget Effect: The operating budget effect is estimated to be minimal.

Relationship to General and Community Plans: This project is consistent with the College Area, Mid-City and Navajo Community Plans, and it is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 1999 and was completed in Fiscal Year 2002. Construction will begin in Fiscal Year 2008 and will be completed in Fiscal Year 2010.

Expenditure by Work Code Project Life



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-E	284,070	190,163					764,566
WATER-R	333,474	223,235					897,533
Total	617,544	413,398					1,662,099
Work Codes	D	D					C
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-E	3,104,462	119,275				920,000	5,382,536
WATER-R	3,644,368	140,018				1,080,000	6,318,628
Total	6,748,830	259,293				2,000,000	11,701,164
Work Codes	C	C				C	

Contact: Sam Gray

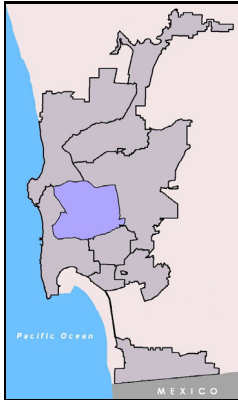
E-Mail: sgray@sandiego.gov

Phone: 619-533-4157

Water Municipal Water 73-301.0 Serra Mesa Pump Station

Council District: 6

Community Plan: Kearny Mesa, Mission Bay Park, Mission Valley, Tierrasanta



Description: This project provides for constructing a new water pump station under the Interstate 805 at Friars Road.

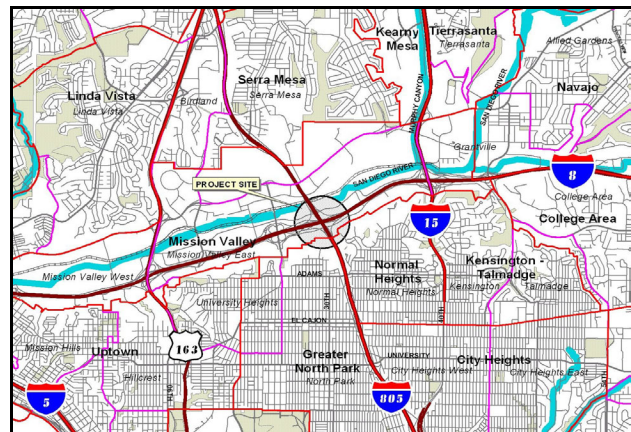
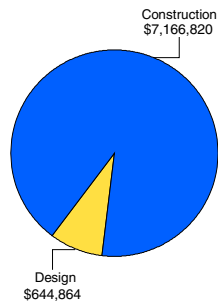
Justification: This pump plant is needed to provide additional water service to the Clairemont Mesa, La Jolla and Pacific Beach communities by pumping water from the Alvarado service area. This allows Miramar to better serve the northern portions of the City and improves system-wide flexibility.

Operating Budget Effect: The operating budget effect is estimated to be minimal.

Relationship to General and Community Plans: This project is consistent with the Kearny Mesa, Tierrasanta and Mission Valley Community Plans, and it is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 1999 and was completed in Fiscal Year 2001. Land acquisition occurred in Fiscal Year 2002. Construction will begin in Fiscal Year 2010 and is scheduled through Fiscal Year 2013.

**Expenditure by Work Code
Project Life**



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R		644,864					
Total		644,864					
Work Codes		D					
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R		355,199	159,829	6,444,313	207,479		7,811,684
Total		355,199	159,829	6,444,313	207,479		7,811,684
Work Codes		C	C	C	C		

Contact: Sam Gray

E-Mail: sgray@sandiego.gov

Phone: 619-533-4157

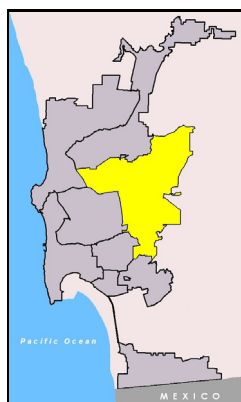
Water

Municipal Water

73-329.0 Tierrasanta Norte Water Pump Station

Council District: 7

Community Plan: Tierrasanta



Description: This project provides for installing a set of four end-suction centrifugal pumps inside the existing, unused flow control facility, and for adding roof hatches to the existing building to allow installation and removal of the pumps.

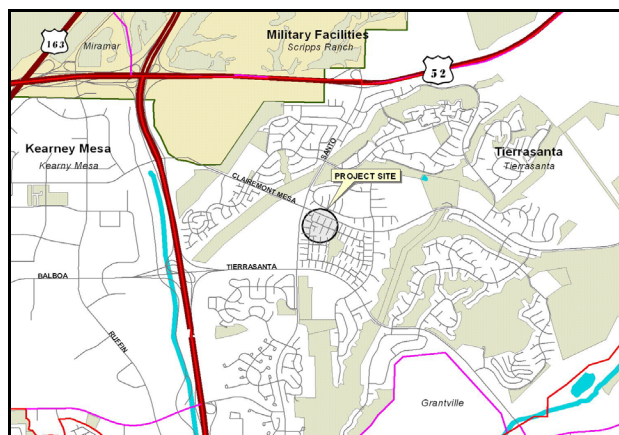
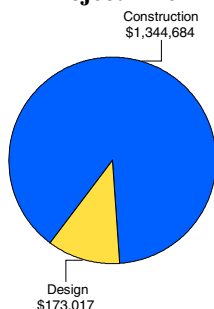
Justification: Tierrasanta Norte is currently served by the San Diego County Water Authority's imported filtered water barrel of the Second Aqueduct at a hydraulic grade line of 752 feet. This barrel is to be acquired by the City and operated as the Pomerado Pipeline Number 2 at a hydraulic grade line of 712. A new pump station is required to maintain pressure in the zone and to maintain adequate suction pressure for the Villa Dominique Pump Plant.

Operating Budget Effect: The operating budget effect will be determined upon completion of design.

Relationship to General and Community Plans: This project is consistent with the Tierrasanta Community Plan, and it is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design is scheduled to begin in Fiscal Year 2008 and be completed in Fiscal Year 2009. Construction is scheduled to begin in Fiscal Year 2010 and be completed in Fiscal Year 2013.

**Expenditure by Work Code
Project Life**



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R	666						91,478
Total	666						91,478
Work Codes	D						D
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R	80,873	146,819	1,002,607	168,787	26,471		1,517,701
Total	80,873	146,819	1,002,607	168,787	26,471		1,517,701
Work Codes	D	C	C	C	C		

Contact: Sam Gray

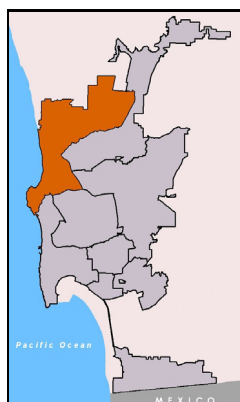
E-Mail: sgray@sandiego.gov

Phone: 619-533-4157

70-953.0 Torrey Pines Road/La Jolla Boulevard Water Main Replacement

Council District: 1

Community Plan: La Jolla



Description: This project provides for replacing approximately 31,496 linear feet of aged sixteen-inch cast iron pipe along Torrey Pines Road and La Jolla Boulevard.

Justification: This pipeline improvement project is necessary to prevent water pipe breaks and to insure a continuous water supply to the La Jolla community.

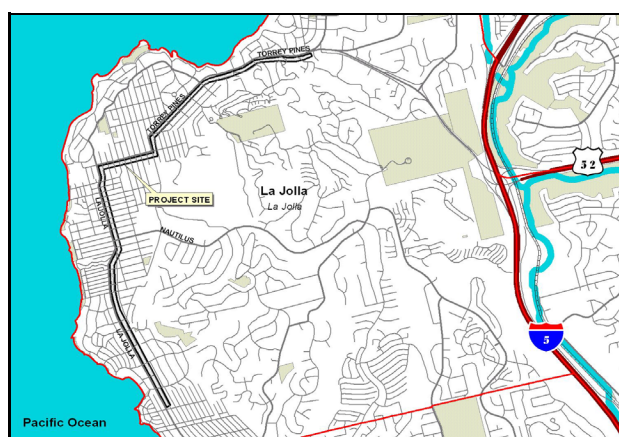
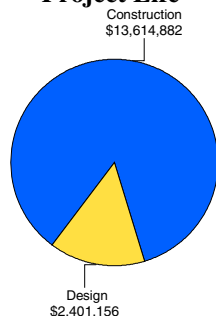
Operating Budget Effect: The operating budget effect will be determined upon completion of design.

Relationship to General and Community Plans: This project is consistent with the La Jolla Community Plan, and it is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 2001 and will continue through Fiscal Year 2005. Construction began in Fiscal Year 2003 and is scheduled to be completed in Fiscal Year 2008.

Expenditure by Work Code

Project Life



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R	5,936,180	1,711,668	253,308	3,956,994	3,743,057	369,743	45,088
Total	5,936,180	1,711,668	253,308	3,956,994	3,743,057	369,743	45,088
Work Codes	CD	C	D	C	C	C	C

Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R							16,016,038
Total							16,016,038
Work Codes							

Contact: Sam Gray

E-Mail: sgray@sanidiego.gov

Phone: 619-533-4157

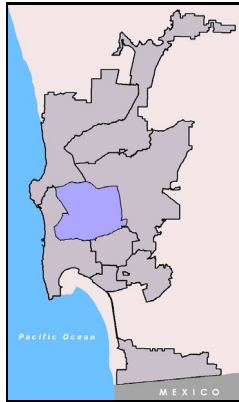
Water

Municipal Water

73-338.0 Water Department Central Facility

Council District: 6

Community Plan: Kearny Mesa



Description: This project provides for a Water Department Central Facility to be located in Kearny Mesa. This facility will accommodate 800 employees, 340 vehicles and equipment currently located at existing operations stations at Chollas Operations Station, Rose Canyon Operations Station, Alvarado Operations Yard, and the Comerica Bank Building at 600 B Street.

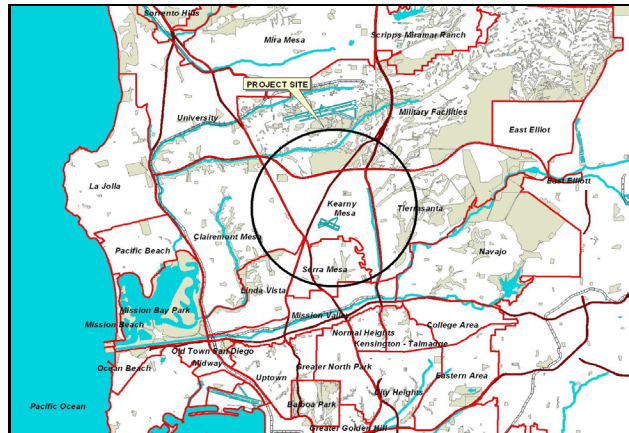
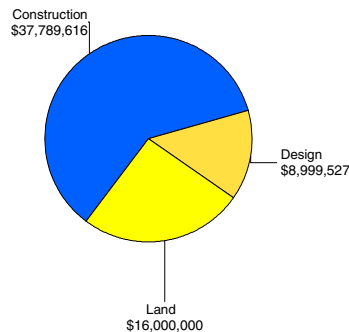
Justification: This project will consolidate all Water Department operations into one location. The consolidation will accomplish a variety of goals established by the Zero Based Management Review: to improve warehouse, material storage, and equipment salvage areas; to have a centrally-located operations center; and to relocate field and customer services operations out of downtown for improved access and service for our customers. Other advantages include greatly increased operational efficiency, elimination of overcrowding for Water and other departments that share sites with Water, cost savings, and flexibility for growth. Crowding will be reduced at both the Rose Canyon and Chollas Operations Stations, allowing other appropriate departments to take office and shop space now used by Water.

Operating Budget Effect: The operating budget effect will be determined upon completion of design.

Relationship to General and Community Plans: This project is consistent with the Kearny Mesa Community Plan, and it is in conformance with the City's Progress Guide and General Plan.

Scheduling: Initial design began in Fiscal Year 1999, and was completed in Fiscal Year 2002. Land acquisition was completed in Fiscal Year 1999. Design is estimated to resume in Fiscal Year 2008 and construction is scheduled to be completed in Fiscal Year 2014.

**Expenditure by Work Code
Project Life**



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R	22,535,746	1,500,659					289,274
Total	22,535,746	1,500,659					289,274
Work Codes	DL	C					D
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R	2,174,507	465,111	15,001,494	505,066	17,317,286	3,000,000	62,789,143
Total	2,174,507	465,111	15,001,494	505,066	17,317,286	3,000,000	62,789,143
Work Codes	D	C	C	C	C	C	

Contact: Sam Gray

E-Mail: sgray@sanidiego.gov

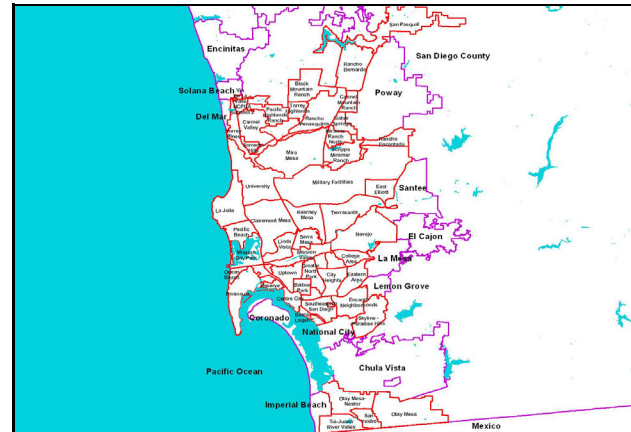
Phone: 619-533-4157

75-931.0 Water Department Security Upgrades

Description: This project provides for installing miscellaneous security systems at various facilities.

Operating Budget Effect: The operating budget effect is estimated to be minimal.

Scheduling: Construction began in Fiscal Year 2001, and will continue through Fiscal Year 2006.



Contact: Sam Gray

E-Mail: sgray@sanidiego.gov

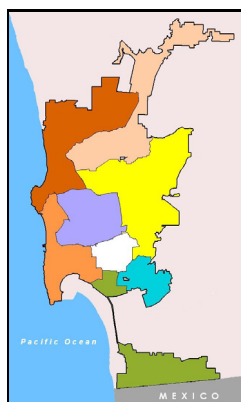
Phone: 619-533-4157

Water

Reclaimed Water

70-942.0 Annual Allocation - CIP Contingencies - Reclaimed Water Distribution System/RWDS

Council District: Citywide **Community Plan:** Citywide



Description: This annual allocation provides for Capital Improvements Program project contingency needs.

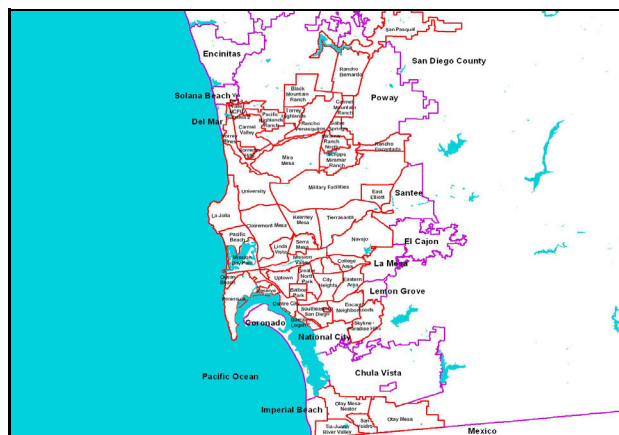
Justification: To provide better Capital Improvements Program project budget control, project contingency needs (except annual allocation projects) will be met by this annual allocation.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is in conformance with the City's Progress Guide and General Plan.

Scheduling: Projects are scheduled on a priority basis.

Expenditure by Work Code Project Life



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-E			96,235		6,549	147,144	189,315
Total			96,235		6,549	147,144	189,315
Work Codes							
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-E	180,250	200,000	350,000	350,000	350,000		96,235
Total	180,250	200,000	350,000	350,000	350,000		96,235
Work Codes							

Contact: Sam Gray

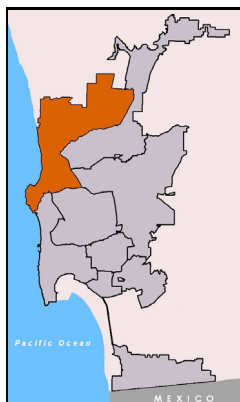
E-Mail: sgray@sandiego.gov

Phone: 619-533-4157

Water Reclaimed Water 70-954.0 North City Reclamation System

Council District: 1

Community Plan: Rancho Penasquitos



Description: This project provides for extending a reclaimed water pipeline from Black Mountain Road northward through Black Mountain Ranch to Camino del Norte. This pipeline will also service the Olivenhain Municipal Water District.

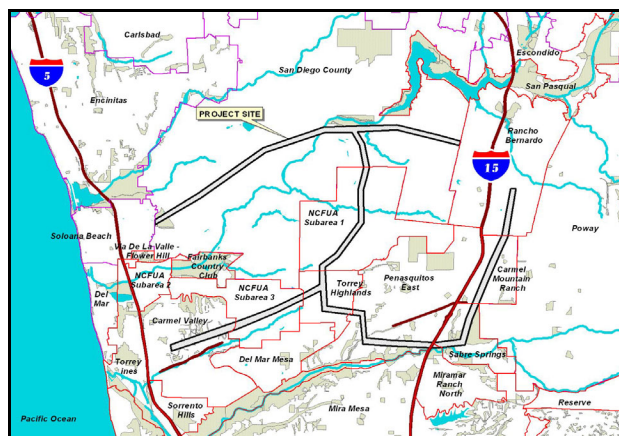
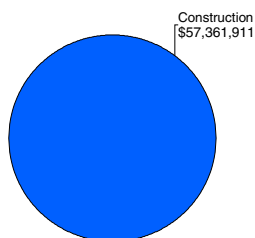
Justification: This pipeline will service two golf courses at Black Mountain Ranch and up to six existing or proposed golf courses in the Olivenhain Municipal Water District.

Operating Budget Effect: The operating budget effect will be determined upon completion of design.

Relationship to General and Community Plans: This project is consistent with the Rancho Penasquitos Community Plan, and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Planning was completed in Fiscal Year 2001. Construction and design began in Fiscal Year 2001 and are scheduled to continue through Fiscal Year 2013.

**Expenditure by Work Code
Project Life**



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R		21,487,963	9,668,284	2,039,135	194,641	1,027,670	1,056,365
Total		21,487,963	9,668,284	2,039,135	194,641	1,027,670	1,056,365
Work Codes		C	C	C	C	C	C
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R	2,056,373	102,648	17,214,165	2,504,828	9,839		57,361,911
Total	2,056,373	102,648	17,214,165	2,504,828	9,839		57,361,911
Work Codes	C	C	C	C	C		

Contact: Sam Gray

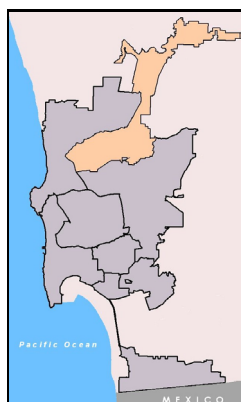
E-Mail: sgray@sandiego.gov

Phone: 619-533-4157

Water
Reclaimed Water
70-955.0 San Pasqual Water Reclamation System

Council District: 5

Community Plan: San Pasqual Valley



Description: This project provides for preliminary planning and environmental studies for a pipeline to deliver reclaimed water from the reclamation facility to customers in San Diego and Poway.

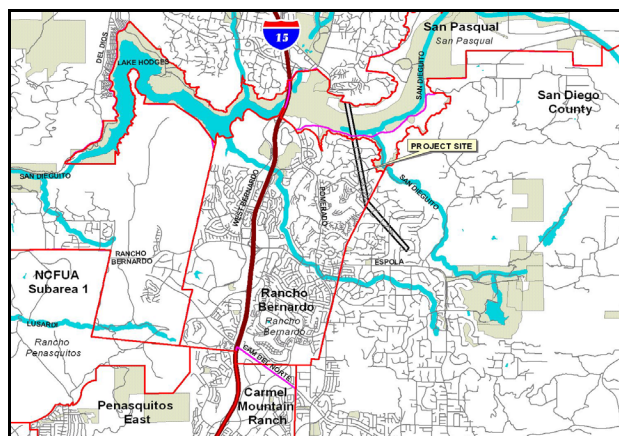
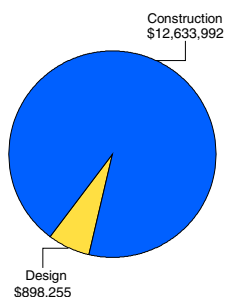
Justification: This project provides for the initial investigation of the San Pasqual groundwater basin to ensure that the City reaches its goal of maximizing reuse of the water generated in the San Pasqual Water Reclamation Facility.

Operating Budget Effect: The operating budget effect will be determined upon completion of design.

Relationship to General and Community Plans: This project is consistent with the San Pasqual Valley Community Plan, and it is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 2001, and construction is scheduled to begin in Fiscal Year 2008.

**Expenditure by Work Code
Project Life**



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R	471,576	426,679					605,560
Total	471,576	426,679					605,560
Work Codes	D	D					C
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R	2,156,341	2,790,022	3,240,986	3,793,564	47,519		13,532,247
Total	2,156,341	2,790,022	3,240,986	3,793,564	47,519		13,532,247
Work Codes	C	C	C	C	C		

Contact: Sam Gray

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Water Reclaimed Water

70-956.0 South Bay Reclaimed Water Pipeline

Council District: 8

Community Plan: San Ysidro, Tia Juana River Valley



Description: This project acquires a pipeline that was installed by the Metropolitan Wastewater Department at Dairy Mart Road. It is approximately 4,145 linear feet of 30" diameter, ductile iron pipe, polyurethane lined and coated. A cathodic protection system is in place on this project. Subsequently, additional sub-projects will be created to form a distribution system for reclaimed water produced at the South Bay Water Reclamation Plant.

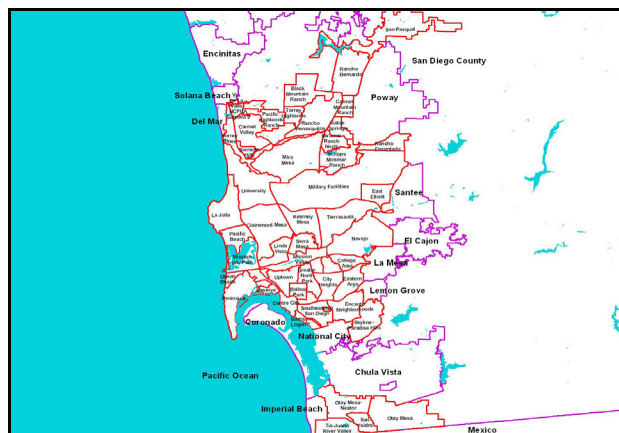
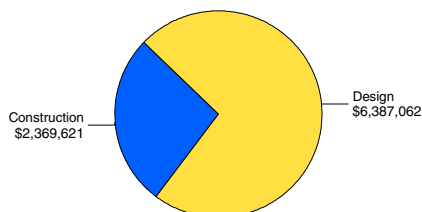
Justification: One of the requirements of the Consent Decree Agreement between the City, the State of California and the Environmental Protection Agency is the Beneficial reuse of Title 22 reclaimed water.

Operating Budget Effect: The operating budget effect will be determined upon completion of design.

Relationship to General and Community Plans: This project is consistent with the San Ysidro and Tia Juana River Valley Community Plans, and it is in conformance with the City's Progress Guide and General Plan.

Scheduling: The initial pipeline has been completed. The Water Department purchased the completed pipeline in Fiscal Year 2002 and the design and construction of additional pipelines began in Fiscal Year 2003. Design will resume in Fiscal Year 2009, and construction is scheduled to begin in Fiscal Year 2015 and beyond.

**Expenditure by Work Code
Project Life**



Expenditures by Revenue Source							
Revenue Source/Tag	Exp/Enc	Con Appn	FY2004	FY2005	FY2006	FY2007	FY2008
WATER-R	1,229,264	493,581	646,776				
Total	1,229,264	493,581	646,776				
Work Codes	C	C	C				
Revenue Source/Tag	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
WATER-R	998,790	5,130,869	209,516	47,887			8,756,683
Total	998,790	5,130,869	209,516	47,887			8,756,683
Work Codes	D	D	D	D			

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